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SUMMARY of CHANGE

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Army Correspondence Course Program Catalog

The transfer of Army Correspondence Course Program material from paper-based format to electronic format is ongoing.

- o Visit the General Dennis J. Reimer Training & Doctrine Digital Library at <http://www.adtdl.army.mil> to view courses and subcourses that are available only in electronic format (chapter 2, chapter 3, paragraph 3-3).
- o The numerous forms referenced throughout this publication are not listed in appendix A.

PREFACE

See your ACCP EXAMINATION SHEET for your school code.

Code	School	Student services contact
011	Aviation	
031	Chemical	
052	Engineer	
061	Field Artillery	
081	Combat Lifesaver	
091	Ordnance	Team A
101	Quartermaster	DSN 927-2127/3322
113	Signal	COML (757) 878-2127/3322
171	Armor	E-mail: teama@atsc.army.mil
191	Military Police	
301	Intelligence	
441	Air Defense	
552	Aviation Logistics	
553B	AIPD	
071	Infantry	
093	Missile & Munitions	
131	Civilian Personnel	
181	Judge Advocate General	
212	American Forces Information Service	Team B
215	Defense Language	DSN 927-2079/5715
212/224	Public Affairs	COML (757) 878-2079/5715
400	SGT MAJ Academy	E-mail: teamb@atsc.army.mil
514	Music	
551	Transportation	
553A	ACETS	
553C	STRAC	
553E	Delay Entry Program (DEP)	
805A	Finance	
805B	Recruiting & Retention	
805C	Adjutant General	
805D	Chaplain	
887	Human Engineering	
908	School of Military Packaging Technology	
553D	Defense Security Program	Team C
907	ALMC	DSN 927-2169/3335
999	Individual Enrollment	COML (757) 878-2169/3335 E-mail: teamc@atsc.army.mil

Revised Sep 2001

FOREWORD

HOW TO USE THIS CATALOG

Go to chapter 1, paragraph 1–7, for guidance on how to enroll in courses administered by the Army Institute for Professional Development (AIPD) (listed in chapter 2) or individual subcourses (chapter 3). If you are enrolling in a course listed in chapter 4, follow the instructions specified in the course description. In any case, make sure you are eligible for enrollment and meet any prerequisites.

If you have selected a course administered by AIPD, go to chapter 3 for a description of the individual subcourses within the course. The description includes the number of credit hours awarded for completion of each subcourse.

Telephone extensions and e-mail addresses for student services teams at AIPD are provided in the preface of this publication.

Schools

Army Correspondence Course Program Catalog

By Order of the Secretary of the Army:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff

Official:



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army

History. This is a revised publication. Because the publication has been extensively revised, the changed portions have not been highlighted.

Summary. The Army Correspondence Course Program is the formal nonresident extension of the U.S. Army Training and Doctrine Command service schools' curriculums that are centrally administered by the Army Institute for Professional Development, U.S. Army Training Support Center, Fort Eustis, VA 23604-5121. This pamphlet lists the courses and subcourses administered by the Army Institute for

Professional Development and outlines procedures and administrative functions that affect student enrollment. This publication also includes correspondence courses offered by Army schools and agencies and selected Department of Defense agencies that administer their own programs independently of the Army Institute for Professional Development. The Army Institute for Professional Development is accredited by the Distance Education and Training Council. This accreditation signifies the achievement of the Distance Education and Training Council's standards involving the development, production, and administration of home study programs.

Applicability. This pamphlet applies to active duty military of all branches, foreign military, Army National Guard of the United States, Reserve personnel, and Department of Defense civilians. During mobilization, procedures in this publication may be modified by the proponent.

Proponent and exception authority. The proponent for this pamphlet is the Commanding General, U.S. Army Training and Doctrine Command. The proponent has the authority to approve

exceptions to this pamphlet that are consistent with controlling law and regulation. The proponent may delegate this approval authority, in writing, to a division chief in the proponent agency in the grade of colonel or the civilian equivalent.

Suggested Improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commander, U.S. Army Training Support Center, ATTN: ATIC-DLC-D, Fort Eustis, VA 23604-5166.

Distribution. Distribution of this publication is available in electronic media only and is intended for command levels A, B, C, D, and E for Active Army, Army National Guard of the U.S., and U.S. Army Reserve.

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Glossary

Chapter 1 Introduction

Section I General

1-1. Purpose

This pamphlet explains policies and procedures for enrolling in Army correspondence courses. It lists all correspondence courses developed and administered by the Army and certain other Government agencies.

1-2. References

Related publications and prescribed and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

The glossary explains abbreviations used in this regulation.

1-4. Programs administered by the Army Institute for Professional Development (consolidated ACCP)

a. The consolidated Army Correspondence Course Program (ACCP) is administered by the Army Institute for Professional Development (AIPD), U.S. Army Training Support Center, Fort Eustis, VA.

b. The various proponents determine correspondence course offerings and specific eligibility requirements. They develop correspondence course materials and examinations and are responsible for the technical accuracy of the material presented.

c. Address administrative questions concerning grades, change of address, current course status, and enrollment extensions, and so forth to AIPD. Mailing address is Army Institute for Professional Development, U.S. Army Training Support Center, Newport News VA 23628-0001. E-mail addresses and phone numbers are listed in the Preface to this catalog. Internet Web site is <http://www.atsc.army.mil/accp/aipd.htm>.

d. Send questions concerning enrollment eligibility waivers, current course configurations, or problems with specific subcourses content to the appropriate proponent school.

e. The schools and agencies listed below are part of the consolidated ACCP. Their courses are administered by AIPD and are listed in chapter 2.

- (1) U.S. Army Air Defense Artillery School, Fort Bliss, TX 79916-0002 (school code 441).
- (2) U.S. Army Armor School, Fort Knox, KY 40121-5200 (school code 171).
- (3) U.S. Army Aviation Center, Fort Rucker, AL 36362-5163 (school code 011).
- (4) U.S. Army Aviation Logistics School, Fort Eustis, VA 23604-5361 (school code 552).
- (5) U.S. Army Chaplain Center and School, Fort Jackson, SC 29207-7035 (school code 805D).
- (6) U.S. Army Chemical School, Fort Leonard Wood 65473-8929 (school code 031).
- (7) Combined Arms Support Command, Fort Lee, VA 23801-6000—Ordnance program (school code 091), Ordnance Missile and Munition program (school code 093), Quartermaster program (school code 101), Transportation program (school code 551).
- (8) Defense Language Institute, Presidio of Monterey, CA 93944-5006 (school code 215).
- (9) U.S. Army Engineer School, Fort Leonard Wood, MO 65473-5000 (school code 052).
- (10) U.S. Army Field Artillery School, Fort Sill, OK 73503-5600 (school code 061).
- (11) U.S. Army Infantry School, Fort Benning, GA 31905-5593 (school code 071).
- (12) U.S. Army Intelligence Center and Fort Huachuca, AZ 85613-7000 (school code 301).
- (13) U.S. Army Judge Advocate Generals School of the Army, Charlottesville, VA 22903-1781 (school code 181).
- (14) U.S. Army Logistics Management College, Fort Lee, VA 23801-6042 (school code 907).
- (15) U.S. Army Medical Department Center and School, Fort Sam Houston, TX 78234-6100—Combat Lifesaver Course (school code 081)
- (16) School of Military Packaging Technology, Aberdeen Proving Ground, MD 21005-5001 (school code 908).
- (17) U.S. Army Military Police School, Fort Leonard Wood, MO 65473-5166 (school code 191).
- (18) U.S. Army Public Affairs Center, Fort George G. Meade, MD 20755-5650 (school code 212).
- (19) U.S. Army Recruiting Command, Fort Knox, KY 40121-2726 (school code 553E).
- (20) U.S. Army Research Laboratory, Human Research and Engineering Directorate, Picatinny Arsenal, NJ 07806-5000 (school code 887).
- (21) U.S. Army Signal Center and School, Fort Gordon, GA 30905-5070 (school code 113).
- (22) U.S. Army Soldier Support Institute, Fort Jackson, SC 29207-7025—Adjutant General School (school code 805C), Finance School (school code 805A), School of Music (school code 514), Recruiting and Retention School (school code 805B).

(23) U.S. Army Training and Doctrine Command, Office of the Deputy Chief of Staff for Training, Fort Monroe, VA 23651-5000 (school code 131).

(24) U.S. Army Training Support Center, Fort Eustis, VA 23604-5121 (school codes 553A, 553B, 553C).

1-5. Correspondence course programs offered by other activities (not administered by AIPD)

The activities listed below administer their own correspondence course programs. See the individual activities listed in chapter 4 for specific information concerning enrollment and course offerings. *Do not mail applications to AIPD.*

- a. U.S. Army Medical Department Center and School.
- b. U.S. Army Command and General Staff College.
- c. Federal Emergency Management Institute.
- d. U.S. Army John F. Kennedy Special Warfare Center and School.
- e. Army Materiel Command
- f. National Cryptologic School
- g. The United Nations Institute for Training and Research.
- h. U.S. Army War College.
- i. U.S. Army Warrant Officer Career Center.

Section II Enrollment

1-6. Eligibility

a. General.

(1) The Army Correspondence Course Program is available to U.S. Active and Reserve military officers, warrant officers, and enlisted personnel; Reserve Officers' Training Corps, National Guard Officer Candidate School; West Point cadets; and authorized Federal civilian employees. Non-U.S. citizens employed by the Department of Defense (DOD) are eligible but must contact AIPD to obtain a student identification number before enrolling. Foreign military enroll through the procedure described in paragraph *b*.

(2) Military personnel must have enough time remaining in service to complete the course or subcourse(s) in which they are requesting enrollment. Reserve Component officers on active duty as warrant officers or enlisted personnel who want to enroll in an officer advanced course must enroll in their Reserve Component grade and status.

Note. To avoid mis-shipment of material, do not request enrollment if permanent change of station is within 90 days.

(3) Individual course descriptions include eligibility requirements or prerequisites that must be met before enrolling.

b. Foreign governments. Foreign governments must submit requests for correspondence course materials listed in this pamphlet to the Security Assistance Training Field Activity, ATTN: ATFA-R, Fort Monroe, VA 23651-5267. Requests are processed under the Foreign Military Sales Program, which provides reimbursement to our Government.

1-7. Enrollment

To apply, select the course or subcourses in which you want to enroll. Make sure you are eligible for enrollment and that you meet all course or subcourse prerequisites. The subject matter of the selected course or subcourse(s) should relate to your present or prospective duty assignment or training need. Use one of the following methods to enroll.

a. Internet registration and enrollment procedures. Students register and enroll through AIPD's Web site, <http://www.atsc.army.mil/accp/aipd.htm>. You must provide a user ID and password. Currently or previously enrolled students experiencing problems with the process should verify that they are using their name exactly as it appears on those enrollments. If there are still problems, please contact your student services team at (757) 878-3322, 5715, or 2169.

b. Electronic enrollment through Army Training Requirements and Resources System (ATRRS).

(1) Use the ATRRS *Main Option List* and at *Display Desired*, key in LS (Course List Selection Parameters (LS)) and press enter key. The LS display appears, key in 01 in *Fiscal Year* (FY), arrow down to *School Code* and key in 553, arrow down to *Select Code* and key in BK, and press enter key. The *Selected Course List* (LS1) display will appear listing all ACCP courses available for electronic enrollment for that FY. Select Code BH indicates Army Correspondence Courses, and BK indicates available for electronic enrollment.

(2) ATRRS transfers student enrollments each day to AIPD for processing. Each day after a successful enrollment cycle has run, AIPD transfers to ATRRS student course, phase, and subcourse information (completed within a course), information. Quota source managers can access student information using the *Reservations by Student* (RS) display. Student subcourse information can be displayed by using the *Correspondence/Subcourse by Student* (RT) display.

(3) If you need more information on the ATRRS enrollment process, call AIPD at (757) 878-5532 or Defense Switched Network (DSN) 927-5532.

c. Group enrollment. Available for Combat Lifesaver Course only. See chapter 2, section VIII, for procedures.

1–8. Rate of subcourse issue

When you enroll in a course or multiple subcourses, you will receive the first two available subcourses. Upon successful completion of one of those subcourses, we will mail additional subcourses.

1–9. Transcripts and copies of records

a. Transcripts. Official transcripts list only those courses which are included in the *American Council on Education (ACE) Guide to the Evaluation of Educational Experiences in the Armed Services*. Upon written request, we will send an official transcript to colleges or universities you designate and an information copy to you. In your request include your complete name, address, and social security number (SSN); the schools in which you were enrolled; the dates you completed the courses; and the name and address of the institution to which you want the transcript sent.

b. Copies of records. Students can print a copy of their records to verify completed subcourses and courses through the AIPD Web site: <http://www.atsc.army.mil/accp/aipd.htm>.

1–10. Voluntary withdrawal

You may cancel your enrollment in the Army Correspondence Course Program at any time by calling your student services team at (757) 878-3322, 5715, or 2169.

1–11. Cancellation of enrollment

Enrollment will be canceled by AIPD for the following reasons:

- a.* Completion of course or subcourse(s).
- b.* Failure to satisfy the annual minimum requirements (see para 1–27).
- c.* Student request.

1–12. Reinstatement

To be reinstated in the Army Correspondence Course Program, contact your student services team.

Section III

Administrative Terms

1–13. Subcourse

The subcourse is the basic instructional unit of the Army Correspondence Course Program. A subcourse usually covers one subject area and consists of one or more lessons plus an examination. Completion of a subcourse results in a subcourse completion notice (see para 1–22).

1–14. Course

A course consists of one or more subcourses designed to support a specific professional field, skill qualification development, or military occupational specialty (MOS)–related tasks. Subcourses are issued in the sequence listed in each course. If a subcourse is out of stock, the next available one is sent. Completion of a course results in receipt of a course completion notice (see para 1–24).

1–15. Credit hour

The credit hour is the basic work unit for correspondence course work. The number of credit hours assigned to a subcourse is the estimated time required for an average student to read the material and complete all exercises and the examination. Credit hours are awarded upon successful completion of the subcourse.

1–16. Methods of completing examinations

a. Subcourse including examination on-line. The subcourses which are available electronically have examinations as part of the presentation. Students must complete these examinations on-line.

b. Additional on-line examination completion. For some subcourses, the complete examination is online; for others, there is a blank answer sheet available on the AIPD Web site. Students may access examinations only for those subcourses in which they are enrolled.

c. Paper. Some subcourses include an examination response sheet, TSC Form 59 (ACCP Examination Response Sheet), for recording examination answers and a pre-addressed envelope for returning the response sheet to AIPD for grading. The sheet is preprinted with the student's name, social security number, school in which enrolled, and subcourse number and edition. To be sure you have the correct response sheet, verify your SSN, then check to see that the subcourse number and edition on the response sheet match those on the subcourse. If there is a discrepancy, contact the AIPD team assigned to your school. Please do not submit a response sheet issued to another student.

1–17. ATSC Form 157 (Data Mailer)

This multipurpose form is used by AIPD to notify students of any of the following: exemption, subcourse completion,

phase completion, course completion, or cancellation of enrollment. When possible, these notices are sent to students electronically.

1–18. Exempt credit

a. Exempt credit is given when our records show that a subcourse was completed within 4 years before the new enrollment. The credit hours for an exempted subcourse are not added to the student's accumulated credit hours for the current enrollment.

b. To receive exempt credit for an entire course that you completed through individual subcourse enrollments, you must meet the eligibility requirements for the course, then enroll in the course. Subcourses previously completed will automatically be exempted from your enrollment.

1–19. Promotion points

Enlisted personnel in grades E4 and E5 earn one promotion point for every 5 correspondence credit hours completed (per AR 600–8–19). Students are responsible to see that copies of completion notices are placed in their DA Form 201 (Military Personnel Records Jacket, US Army).

1–20. Enrollment year

The enrollment year begins on the date the application is processed through the AIPD computer and ends 12 months later. The enrollment year ending date appears on data mailers as (EYE).

1–21. Retirement point

Unit of measure used to determine retirement eligibility for Reserve Component and National Guard personnel. One retirement point is earned for every 3 credit hours of correspondence study completed (per AR 140–1 and AR 140–185).

1–22. Subcourse completion notice

A subcourse completion notice is issued upon completion of a subcourse. This is the only record a student will have to show subcourse credit hours completed. The notice is also proof of subcourse completion when exempt credit is requested. (Even though a student may complete all the subcourses that make up a course, if he or she is not enrolled in that specific course, a course completion notice will not be issued.)

1–23. Phase completion notice

Some courses consist of multiple phases. A phase completion notice is issued upon completion of a phase. Most nonresident and resident courses require students to present a correspondence phase completion notice when reporting for resident training. See individual course listings for specific requirements.

1–24. Course completion notice

A course completion notice is issued to the student upon completion of a course. (Even though you may complete all the individual subcourses that make up a course, you must be enrolled in the course itself to receive a course completion notice.)

1–25. Certificate of Completion

An AIPD Certificate of Completion is mailed to students upon completion of most courses. However, for those phased courses with resident requirements as part of the course, the proponent awards the course completion certificate. Combat Lifesaver Course instructors award their students a course completion certificate.

1–26. Diplomas

A diploma is issued upon completion of certain correspondence courses. The proponent school or agency designates courses for which a diploma is awarded.

Section IV

Administrative Procedures for Programs Administered by AIPD

1–27. Required progress

All students must meet yearly requirements as shown below to remain enrolled:

- a.* Students enrolled in a single subcourse must complete the subcourse within 1 year from date of enrollment.
- b.* Students enrolled in more than one subcourse, but not in a course, must complete all of those subcourses or at least 30 credit hours within each enrollment year.
- c.* Students enrolled in courses or phases of courses must complete at least 60 credit hours each enrollment year (unless otherwise noted in the course description).

1-28. Grading system and reexamination

a. Subcourse grades indicate the weighted percentage of correct responses. The minimum passing grade is 70 percent unless otherwise noted in the course description. If you fail a subcourse examination, you will be sent a second examination response sheet.

b. If you are enrolled in a single subcourse, your enrollment will be canceled after two failures of that subcourse. You must re-enroll if you wish to complete the subcourse.

c. If you are enrolled in more than one subcourse, the second failure will be treated the same as if you were enrolled in a course (see next para).

d. If you are enrolled in a course and you have failed a subcourse twice, contact the AIPD team assigned to your school program. Failing a subcourse does not affect your continued enrollment in a course; however, all subcourses within a course must be completed (or exempted) to receive a course completion notice.

1-29. Certifying your work

When you submit an examination response sheet for grading, you must click on the certification button if testing on line or sign the statement on the response sheet to certify that the answers submitted are the result of your own work and that you have not had access to copies of answer sheets or solutions from others. This does not imply that you are prevented from discussing subject content with others who may be able to help with problems. However, students are required to use their own work when submitting solutions for grading. Students are subject to Uniform Code of Military Justice (UCMJ), articles 107,132, and 134.

1-30. Award of MOS/branch qualification

a. MOSs are not automatically awarded on the basis of Army correspondence course completion.

b. Branch qualification for commissioned officers of the Reserve Components requires some resident training. See specific schools' academic offerings for requirements for branch qualification.

1-31. Student records

a. The AIPD maintains records for each student. Students can view records through the AIPD Web site. Each record contains administrative information about the student's status in the program and provides information on the following:

- (1) Course or Subcourse enrollment.
- (2) Subcourses issued to the student.
- (3) Subcourses completed.

b. It is important that you update your record to reflect changes in your address, name, or rank.

1-32. Change of address

If you move, change your address through the AIPD Web site as soon as you have a *permanent* address. Subcourses are mailed fourth class and are not automatically forwarded by the U.S. Postal Service. If you are enrolled in courses administered by other activities, notify those agencies also.

1-33. Communication with AIPD

Student services counselors at AIPD can help with any administrative questions you may have. Questions concerning doctrine or subcourse content should be directed to the proponent school or agency at the address identified within the subcourse. You can communicate with AIPD using any of the following methods:

a. *By mail.* Be sure to put your name, social security number, and school code (found in left-hand portion of each examination response sheet) on each page of correspondence you send to AIPD. See sample below:

John Doe
SSN: 999-99-9999
School Code: 011

b. *By phone.* See the preface of this publication for phone numbers of the team that handles your records. You must provide your name, social security number, and school code before your records can be accessed.

c. *By electronic mail.* E-mail addresses for student services teams are shown on the preface page in this publication. Provide the same basic personal information you would if you were writing or calling.

1-34. ACCP catalog availability

This catalog is no longer available in paper copy. You can access it through AIPD'S Web site at <http://www.atsc-army.mil/accp/aipd.htm>. Or go directly to the U.S. Army Publishing Agency's home page at www.usapa.army.mil.

There, you will find this pamphlet and many other publications in several formats, including hypertext markup language (HTML) and portable document format (PDF).

Chapter 2

Consolidated Army Correspondence Course Program (ACCP)

The courses listed in this chapter are administered by the Army Institute for Professional Development (AIPD).

Note. Visit the General Dennis J. Reimer Training & Doctrine Library at <http://www.adtdl.army.mil> to view courses that are available only in electronic format.

Section I

Adjutant General School (U.S. Army Soldier Support Institute)

2-1. RC Adjutant General Officer Advanced Course (AOC 42) (Course Number: 805C A11)

a. Objective. To prepare RC commissioned officers for company-level command and branch staff duties at battalion through division or comparable level in both divisional and nondivisional units.

b. Eligibility. This course is open to U.S. Army Reserve Components (RC) commissioned officers, not on an extended tour of active duty, in the rank of first lieutenant or captain, who are assigned, or pending assignment, to an AOC 42 position or organization. Students must have completed an officer basic course before enrollment.

c. Curriculum. 2 phases. Phase I (correspondence) provides AG and common task foundational knowledge and technical task skills required for completion of phase II (resident) instruction. A completion certificate for phase I will be required as a prerequisite for attending phase II AG OAC-RC.

(1) *Phase I.* Correspondence.

(a) 26 subcourses.

(b) *Subcourses.* IS0788, IS7045, IS1801, IS1802, IS7006, IS7038, QM3513, QM3519, QM3601, AG1062, AG1074, AG1082, AG1076, AG1004, IS1203, AG1086, IS8720, AG0010, AG0200, AG0222, AG0554, AG1012, AG1050, AG1064, AG1054, IS1460.

(2) *Phase II.* 2 weeks of resident training. Phase II integrates phase I training culminating in a command post exercise highlighting AG wartime functions.

2-2. S1/Personnel Officer Course (Course Number: 805C Q19)

a. Objective. To prepare officers (especially FA41) and noncommissioned officers (NCOs) to perform S1/Adjutant duties, develop critical wartime personnel skills, and perform unit administration.

b. Eligibility. FA41 officers and other officers and NCOs who are assigned to, or projected for, an S1 position. Branch is immaterial. (FA41 officers should complete this course as captains). Also open to DA civilians GS-4 and above (GS204, GS205) requiring training for a military personnel management position, or any grade who has three or more years of experience in military personnel management.

c. Curriculum. 29 subcourses.

d. Subcourses. AG1050, FI0175, IS1202, AG1054, AG0200, AG1070, AG1086, AG0619, MP1032, AG1052, IS1703, AG1062, AG1060, AG0404, AG0586, AG0602, AG0034, AG0104, AG0522, AG0510, AG0018, AG0301, AG1074, AG0534, AG1064, RR0003, AG0558, AG1058, AG0542.

2-3. Personnel Staff Officer Course (Course Number: 805C Q21)

a. Objective. To provide training and a working knowledge of personnel programs as a qualifying course for commissioned officers desiring Functional Area 41, Personnel Programs Management.

b. Eligibility. Open to all commissioned officers seeking initial training or cross-training in FA41. Also open to DA civilians GS-4 and above (GS204, GS205) requiring training for a military personnel management position, or any grade who has three or more years of experience in military personnel management.

c. Curriculum. 10 subcourses.

d. Subcourses. AG1070, AG1086, AG1012, AG0301, AG0018, IS1202, AG1074, FI2030, FI0708, IS1203.

2-4. Military Personnel Officer Course (Course Number: 805C D23)

a. Objective. To provide specialized training for commissioned and warrant officers in the principles, functions, and procedures of Army military personnel operations.

b. Eligibility. This course is open to commissioned officers, warrant officers, and DA civilians GS-7 and above (GS204, GS205) requiring training for a military personnel management position, or any grade who has five or more years of experience in military personnel management.

c. Curriculum. 33 subcourses.

d. Subcourses. AG0034, AG0018, AG1001, AG0301, IS1203, AG0606, AG0534, AG0550, AG0010, IS1202,

AG0610, AG0542, AG0554, AG0619, AG0510, AG0544, AG1004, AG1070, AG1086, AG0522, AG0532, AG0608, AG0609, AG0520, AG0536, AG0556, AG0613, AG0624, AG0516, AG1082, AG0622, AG0623, IS1460.

2–5. Advanced Level Sustainment Training Technical Course

a. Objective. To provide AG Corps (career management field (CMF) 71) soldiers with a working knowledge of the duties required to perform as NCOs in the rank of sergeant first class (SFC) or master sergeant (MSG). This course may be used to prepare for resident Advanced Noncommissioned Officer Course (ANCOC) or as a transition or sustainment course for developing and maintaining technical proficiency.

b. Eligibility. This course is open to Active Army and RC NCOs in the rank of staff sergeant (SSG) and above in CMF 71.

c. Curriculum. Various tracks. Specify MOS when enrolling.

(1) *MOS 75H (Course Number: 805C M45).*

(a) 17 subcourses.

(b) *Subcourses.* AG0609, AG0516, AG0542, AG0532, AG0522, AG0530, AG0034, AG0510, AG0544, AG0520, AG0536, AG0619, AG0554, AG0552, AG0018, AG0534, AG0606.

(2) *MOS 71L (Course Number: 805C M43).*

(a) 4 subcourses.

(b) *Subcourses.* AG0404, AG0622, AG0623, IS1460.

2–6. Basic Level Sustainment Training Technical Course

a. Objective. To provide AG Corps (CMF 71) soldiers with a working knowledge of the duties required to perform as NCOs in the rank of sergeant (SGT) through sergeant first class (SFC). This course may be used to prepare for resident Basic Noncommissioned Officer Course (BNCOC) or as a transition or sustainment course for developing and maintaining technical proficiency.

b. Eligibility. This course is open to Active Army and RC NCOs in the rank of SGT and above in CMF 71.

c. Curriculum. Various tracks. Specify MOS when enrolling.

(1) *MOS 71L (Course Number: 805C M33).*

(a) 4 subcourses.

(b) *Subcourses.* AG0404, AG0623, AG0101, AG0622.

(2) *MOS 75B (Course Number: 805C M35).*

(a) 9 subcourses.

(b) *Subcourses.* AG0404, AG0514, AG0530, AG0609, AG0510, AG0558, AG0516, AG1086, IS1460.

(3) *MOS 75H (Course Number: 805C M37).*

(a) 17 subcourses.

(b) *Subcourses.* AG0530, AG0301, AG0608, AG0522, AG0532, AG0534, AG0536, AG0606, AG0541, AG0034, AG0542, AG0544, AG0550, AG0552, AG0556, AG0558, AG0404.

2–7. Administrative Course (MOS 71L20) (Course Number: 805C M15)

a. Objective. To provide selected enlisted personnel with the knowledge to increase their ability to perform effectively as administrative specialists.

b. Eligibility. This course is open to enlisted soldiers in the ranks of PVT through SGT who currently hold MOS 71L or who are scheduled to be assigned to a 71L position, and to DA civilians whose duties require this training.

c. Curriculum. 9 subcourses.

d. Subcourses. AG0218, AG0101, AG0109, AG0222, AG0622, AG0623, AG0104, AG0409, IS1460.

2–8. Personnel Administration Course (MOS 75B20) (Course Number: 805C M17)

a. Objective. To provide students with a working knowledge of personnel and administrative functions in support of a company, troop, battery, detachment, or similar level organization.

b. Eligibility. This course is open to enlisted soldiers in the rank of SGT and below assigned to a 75-series MOS or assigned to a duty position in a 75-series MOS, and to DA civilians whose duties require this training.

c. Curriculum. 10 subcourses.

d. Subcourses. AG0034, AG0218, AG0301, AG0541, AG0520, AG0522, AG0532, AG1054, AG0606, IS1460.

2–9. Personnel Services Specialist Course (MOS 75H20) (Course Number: 805C M25)

a. Objective. To provide students with an introduction to the fundamentals, procedures, and techniques of personnel services and the ability to function as personnel services specialists in a personnel service company, battalion, or division.

b. Eligibility. This course is open to enlisted soldiers in the rank of SGT and below assigned to a 75-series MOS or assigned to a duty position in a 75-series MOS, and to DA civilians whose duties require this training.

c. Curriculum. 17 subcourses.

d. Subcourses. AG0018, AG0301, AG0404, AG0510, AG0516, AG0522, AG0532, AG0541, AG0542, AG0544, AG0550, AG0552, AG0554, AG0556, AG0558, AG0613, IS1203.

Section II

U.S. Army Air Defense Artillery School

2-10. RC ADA Officer Advanced Course (Course Number: 441 A11)

a. Objective. To prepare RC ADA officers for battery command, battalion staff positions, or such other duty considered most critical to their specialties at the rank of captain.

b. Eligibility. Reserve commissioned officers of the rank of first lieutenant or higher who have completed an officer basic course.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) 23 subcourses.

(b) *Subcourses.* IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, IS4400, AD0699, AD0700, AD0717, IN0503, IN0504, IN0515, IN0710, IN0764, IT0462, OD0960, OD0961, IS7004, IS7033, IS8718, IS8719, AD0575.

(2) *Phase II.* 2 weeks resident training.

2-11. RC SHORAD Officer Reclassification Course (Course Number: 441 Q21)

a. Objective. To reclassify Reserve Component officers to AOC 14B for duty assignment with a short-range air defense (SHORAD) battery or battalion. The training consists of a combination of correspondence and residence training phases.

b. Eligibility. RC officers of the rank of first lieutenant to lieutenant colonel who have completed an officer basic course.

c. Curriculum. 2 phases. Phase I must be completed before attending phase II.

(1) *Phase I.* Correspondence.

(a) 12 subcourses.

(b) *Subcourses.* AD0699, AD0700, AD0717, IN0503, IN0504, IN0515, IN0710, IN0764, IT0462, IS4400, IS7006, AD0575.

(2) *Phase II.* 2 weeks resident training. Soldiers must present a phase I completion certificate during inprocessing for resident training.

2-12. RC WOAC Air Defense Systems Technician (MOS 140A) (Course Number: 441 W31)

a. Objective. To provide senior-level training for CW2 in MOS 140A (ADA Command and Control/System Integrator).

b. Eligibility. Completion of an ADA Warrant Officer System Maintenance Course, USA Air Defense Artillery School, Fort Bliss, TX, resident or nonresident, or completion of 140A/140E Warrant Officer Basic Course.

c. Curriculum. 5 subcourses.

d. Subcourses. AD0699, AD0717, IS4400, AD5901, AD0575.

2-13. Common Military Subjects for Skill Level 4 (all ADA MOSs) (Course Number: 441 D17)

a. Objective. To provide training to help ADA enlisted personnel improve their general military knowledge and professional skills.

b. Eligibility. All ADA enlisted personnel in skill level 4. Skill level 3 personnel who have completed the common military subjects course for skill level 3 personnel.

c. Curriculum. 17 subcourses.

d. Subcourses. IS0788, FA4025, IS1100, IS0821, CM2506, AD0717, IS7034, IS7035, AG0586, IS8710, IS8711, IS1703, IS1804, RR0003, IS1460, AD0575, AD5901.

2-14. Common Military Subjects for Skill Level 3 (all ADA MOSs) (Course Number: 441 D15)

a. Objective. To provide training to help ADA enlisted personnel improve their general military knowledge and professional skills.

b. Eligibility. All ADA enlisted personnel in skill level 3. Skill level 2 personnel who have completed the common military subjects course for skill level 2 personnel.

c. Curriculum. 13 subcourses.

d. Subcourses. IS0788, IS1100, IS0821, IS0345, IS7034, IS7035, IS8701, IS1703, IS1803, AG0622, AG0516, AD0575, AD5901.

2-15. Common Military Subjects for Skill Level 2 (all ADA MOSs) (Course Number: 441 D13)

a. Objective. To provide training to help ADA enlisted personnel improve their general military knowledge and professional skill.

b. Eligibility. All ADA enlisted personnel in skill level 2. Skill level 1 personnel who have completed the common military subjects course for skill level 1 personnel.

c. Curriculum. 14 subcourses.

d. Subcourses. IS0788, IS0821, IS0344, IS7034, IS7035, IS1703, IS8711, IN1013, IN0201, IN0202, AG0622, AG0516, AD0575, AD5901.

2-16. Common Military Subjects for Skill Level 1 (all ADA MOSs) (Course Number: 441 D11)

a. Objective. To provide training to help ADA enlisted personnel improve their general military knowledge and professional skills. All ADA skill level 1 personnel are encouraged to complete this course before enrolling in any other ADA courses.

b. Eligibility. All ADA enlisted personnel in skill level 1.

c. Curriculum. 6 subcourses.

d. Subcourses. IS0788, IS4401, IS0821, IS0347, IS0344, AD0575.

2-17. Operations and Intelligence Assistant (Course Number: 441 M15)

a. Objective. To provide training to improve enlisted personnel job knowledge and performance. All ADA enlisted personnel are encouraged to complete the ADA common core course for their skill level before enrolling in any other ADA course.

b. Eligibility. Enlisted personnel whose primary or secondary duties are operations and intelligence, or personnel who are assigned to a position requiring qualification in operations and intelligence tasks within the Intelligence Officer/Operations and Training Officer, Assistant Chief of Staff,(Intelligence)/Assistant Chief of Staff,(Operations and Plans) (S2/S3), (G2/G3) sections.

c. Curriculum. 7 subcourses.

d. Subcourses. IS1100, SS0725, IS3002, IT0553, IN0515, IS7008, AD0575.

2-18. Patriot Fire Control Enhanced Operator/Maintainer Course (MOS 14E) (Course Number: 441 M33)

a. Objective. To provide training for enlisted personnel in MOS 14E and improve their job performance and expand their knowledge, while assisting them to qualify for promotion.

b. Eligibility. Enlisted personnel whose primary or secondary MOS is 14E.

c. Curriculum. 27 subcourses.

d. Subcourses. AD0415, AD0402, AD0400, AD0416, AD0406, AD0407, AD0423, AD0401, AD0424, AD0425, AD0426, AD0437, AD0439, AD0418, AD0419, AD0438, AD0448, AD0441, AD0449, AD0447, AD0440, AD0473, AD0471, AD0470, AD0472, AD0497, AD0575.

2-19. Patriot Launching Station Enhanced Operator/Maintainer Course (MOS 14T) (Course Number: 441 M35)

a. Objective. To provide training for enlisted personnel in MOS 14T and improve their job performance and expand their knowledge, while assisting them to qualify for promotion.

b. Eligibility. Enlisted personnel whose primary or secondary MOS is 14T.

c. Curriculum. 13 subcourses.

d. Subcourses. AD0415, AD0402, AD0400, AD0417, AD0421, AD0406, AD0403, AD0442, AD0443, AD0444, AD0449, AD0404, AD0575.

2-20. MANPAD System Training (MOS 14S/14M) (Course Number: 441 M23)

a. Objective. To prepare officers and NCOs for duty as platoon leader and section sergeant, respectively, of an Avenger/Stinger air defense platoon/section.

b. Eligibility. Commissioned officers or enlisted personnel of any component whose duties require qualification in MOS 14S/14M or as an Avenger/Stinger platoon leader or section sergeant.

c. Curriculum. 6 subcourses.

d. Subcourses. AD0575, AD0717, AD5901, AD5903, IS4400, IS4401.

2-21. ADA Senior Sergeant (MOS 14Z) (Course Number: 441 M51)

a. Objective. To provide training to improve enlisted personnel job knowledge and performance.

b. Eligibility. ADA enlisted personnel in the rank of SSG or higher.

c. Curriculum. 16 subcourses.

d. *Subcourses.* AD0699, AD0700, IS0788, AD0717, IN1008, IS0823, IS3002, IT0421, IS1202, AG0404, AG0101, IS1804, IS7035, IS8700, AD0575, AD5901.

2-22. ADA Command and Control System AN/TSQ-73 Missile Minder (MOS 14L) (Course Number: 441 M31)

a. *Objective.* To provide training to improve enlisted personnel job knowledge and performances. All ADA enlisted personnel are encouraged to complete the ADA common core course for their skill level before enrolling in any other ADA course.

b. *Eligibility.* Enlisted personnel whose primary or secondary MOS is 14L.

c. *Curriculum.* 2 subcourses.

d. *Subcourses.* AD0520, AD0700.

**Section III
U.S. Army Armor School**

2-23. Requirements for branch transfer

RC officers must meet educational and job requirements as described below:

a. *Infantry officers.* Must be branch qualified in grade. Branch qualification is defined as completion of Infantry or Armor Advanced Course and a successful company level command. Majors must complete a successful executive officer (XO) or S3 assignment and have a baccalaureate degree. Infantry branch qualified officers are fully qualified to branch transfer to Armor. Grades above major will require an Academic Review Board.

b. *All other branch officers.* Must first branch qualify in Armor to be considered for branch transfer. Branch qualification is defined as completion of the Armor Officer Advanced Course, TATS M1/M1A1 Tank Commander Certification Course, and a successful company command for company grade officers. For majors, branch qualification is defined as successful company command as a captain, successful assignment as an S3/XO of a maneuver battalion, completion of the Armor Officer Advanced Course, completion of the TATS M1/M1A1 Tank Commander Certification Course, and completion of the Combined Arms and Services Staff School. Majors must also have a baccalaureate degree. Grades above major will require Command and General Staff College (CGSC) and an Academic Review Board.

c. To request branch transfer to Armor branch send request to Commander, U.S. Army Armor Center (USAARMC) and Fort Knox, ATTN: ATZK-AR, Fort Knox, KY 40121-5000.

d. Table 2-1 recaps RC branch transfer requirements:

**Table 2-1
RC branch transfer requirements**

	CPT	MAJ	LTC
Education requirements	Infantry or Armor Advanced Course Branches other than Infantry: AOAC, TATS M1/M1A1 TC3	Infantry or Armor Advanced Course Baccalaureate degree, CAS3, TATS M1/M1A1 TC3, 50% of CGSC	Academic Review Board Required
Job requirements	Successful Company Command	Successful Company Command, BN/BDE S-3, BN XN	Academic Review Board Required

Notes:

Graduates of Infantry or Armor Advanced Course (IOAC) are equivalent to AOAC. All other branches must complete AOAC and Gunnery.

2-24. Armor Captains Career Course

a. *Objective.* To provide Reserve Component company grade combat arms officers, not serving on active duty, with the skills and knowledge to successfully command Armor and other combined arms units at company level and to serve as assistant operations officers at brigade and battalion level. The program provides training in military decision making processes and in doctrine and tactics at brigade through company team level for offensive and defensive operations. In addition, the program provides training in common core tasks and in the administration and training of a combined arms company level unit.

b. *Eligibility.* Officers of an Army Reserve Component (ARNG and USAR) or Marine Reserve Component in the rank of first lieutenant or captain who have completed an officer basic course.

(1) Officers in branches other than Armor attending for the purpose of transferring to Armor should apply in writing for a determination of their individual education and qualifications to the Commander, U.S. Army Armor Center and Fort Knox, ATTN: ATZK-AR, Fort Knox, KY 40121-5000.

(2) Soldiers who have not had gunnery training are strongly encouraged to attend the TATS M1/M1A1 Tank Commander Certification Course.

c. Curriculum. Two phases - Internet (Asynchronous & Synchronous) and resident. Course trains brigade and battalion level operations and command for Armor and other combined arms units at company level.

d. Administration.

(1) *Phase Ia.* Training is conducted over the Internet. Students must have access to a computer connected to the Internet. Registration is through the Army Training Requirements and Resources System (ATRRS).

(2) *Phase Ib.* Training is conducted over the Internet. This training is 12 hours per weekend for seven weekends. Students must have access to a computer connected to the Internet. Students must successfully complete phase I prior to starting phase II. Registration is through ATRRS.

(3) *Phase II.* Resident training (2 weeks) conducted at the U.S. Army Armor School. Students must successfully complete phase I prior to starting Phase II. Registration is through ATRRS. Students must also submit, and have approved, an application for active duty within their chain of command.

2-25. Maintenance Leader Course (MLC) (Course Number: 171 Q12)

a. Objective. . To prepare company grade officers, warrant officers, and noncommissioned officers for assignment to positions which have direct related maintenance responsibilities at the unit level (battalion/squadron and below) with emphasis on management and supervision of battalion/squadron maintenance operations.

b. Eligibility. Active Army, Reserve Component, National Guard Noncommissioned Officer (E-5 or above), Commissioned Officers and Warrant Officers of any grade who desire to take the course for self development or self motivational training especially those being assigned to a Maintenance Management position.

c. Curriculum. 10 subcourses.

d. Subcourse. AR0001, AR0002, AR0003, AR0004, AR0005, AR0006, AR0007, AR0008, AR0009, AR0010.

Section IV

U.S. Army Aviation Center

2-26. Aviation Accident Prevention Management Course (Course Number: 011 D21)

a. Objective. To provide training in aviation accident prevention management. This course includes the fundamentals of the pre-accident plan, accident surveys, human factors, aircraft structures, aircraft accident reporting, and investigations. It familiarizes the student with the organization and structure of the Army Aviation Accident Prevention Program and emphasizes the duties and responsibilities of the unit safety officer and noncommissioned officer.

b. Eligibility. Commissioned or noncommissioned officers of the Active Army or a Reserve Component whose present duty assignments are in the 67 career series or MOS 93P, or personnel assigned to the Mobilization table of distribution and allowances (TDA) for the Wartime Army Safety Program (eligible for enrollment in the entire course). Soldiers of the Active Army or a Reserve Component or civilian employees of the Federal Government (GS-018/1815 Safety Specialist/Air Safety Specialist) whose assignments require knowledge of aviation safety (eligible for enrollment in specific subcourses).

c. Curriculum. 6 subcourses.

d. Subcourses. AV0567, AV0568, AV0569, AV0570, AV0534, AV0574.

2-27. Aviation Logistics Manager Course (Course Number: 011 Q13)

a. Objective. To provide training for officers and warrant officers holding or desiring to prepare for an Aviation Maintenance Management or Logistics area of concentration or skill. An AOC will not be awarded from correspondence study alone; however, these subcourses teach essential theory or principles and provide critical information and background helpful in logistics functional preparation.

b. Eligibility. All officers and warrant officers of the Active Army and Reserve Components.

c. Curriculum. 22 subcourses.

d. Subcourses. AV0181, AL9002, AL9006, AL9001, QM3801, FI3084, FI3044, AL9000, QM2900, AV0550, AL9003, AV1525, AV0567, AV0568, AV0587, AV0574, AV0570, OD1403, QM2903, OD0968, OD0969, IS7038.

2-28. Aviation Safety Officer Course (Course Number: 011 Q11)

a. Objective. To provide information and training necessary for certification of aviation safety officers in the phase II resident training.

b. Eligibility. This course is open to rated aviators who are members of the U.S. Army Reserve, the U.S. Army National Guard, or Active Army and DOD civilians who are either 803 Safety Engineers or 018 Safety Specialists.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) 13 subcourses.

(b) *Subcourses.* AV0534, AV0550, AV0569, AV0570, AV0574, AV0582, AV0583, AV0584, AV0585, AV0586, AV0590, AV0593, AV0595.

(2) *Phase II.* 2 weeks resident training. Phase I must be completed before attending phase II. Phone: commercial (334) 255-2376/5979; DSN 558-2376/5979.

2-29. Avionic Mechanic (MOS 68N) (Course Number: 011 M10)

a. *Objective.* To provide enlisted personnel and DA civilians with the skills and knowledge to perform aviation unit maintenance on communications, navigation, flight control, and intercommunications systems installed in Army aircraft.

b. *Eligibility.* Students must have a duty assignment or MOS in the career field.

c. *Curriculum.* 10 subcourses.

d. *Subcourses.* MM0308, MM0309, IT0335, IT0336, IT0337, IT0338, IT0333, IT0349, SS0713, MM0651.

2-30. Air Traffic Control Operator Course (MOS 93C) (Course Number: 011 M20)

a. *Objective.* To provide the basic information necessary for an apprentice level knowledge of MOS 93C, skill level 1.

b. *Eligibility.* Enlisted and other personnel of Active Army or Reserve Components and civilian employees of the Federal Government whose assignments require a knowledge of Air Traffic Control Operations.

c. *Curriculum.* 25 subcourses.

d. *Subcourses.* AV0986, AV0987, AV0988, AV0989, AV0991, AV0992, AV2400, AV0961, AV0653, AV2408, AV0944, AV0905, AV0906, AV0914, AV2406, AV1959, AV1990, AV1995, AV1996, AV1953, AV1982, AV2410, AV0903, AG0404, IS3007.

2-31. Air Traffic Control Preparatory Course (Course Number: 011 D11)

a. *Objective.* To provide students with a basic knowledge of rules, regulations, and procedures for the Army air traffic controller.

b. *Eligibility.* Enlisted and other personnel of the Active Army or Reserve Components whose aptitude area scores meet the prerequisites for Advanced Individual Training (AIT) for MOS 93C and require advance initial training for personnel considering MOS reclassification to MOS 93C.

c. *Curriculum.* 6 subcourses. These subcourses must be taken in the sequence that appears below. Individual enrollment in any of the listed subcourses is not authorized.

d. *Subcourses.* AV0986, AV0987, AV0988, AV0989, AV0991, AV0992.

2-32. Aviation Operations Specialist Course (MOS 93P) (Course Number: 011 M24)

a. *Objective.* To provide the basic knowledge necessary for flight operations coordination.

b. *Eligibility.* Enlisted and other personnel of the Active Army or Reserve Components of the Army and civilian employees of the Federal Government whose assignments require a knowledge of airfield operations.

c. *Curriculum.* 14 subcourses.

d. *Subcourses.* AV0653, AV0603, AV0961, AV0900, AV0950, AV0960, AV0652, AV2408, AV0975, AG0404, SS0002, IS1100, AV0981, AV0982.

2-33. Aviation Survival Course (Course Number: 011 D23)

a. *Objective.* To provide survival training for personnel in aviation related MOSs.

b. *Eligibility.* All personnel of the Active Army and Reserve Components in aviation related assignments.

c. *Curriculum.* 4 subcourses.

d. *Subcourses.* AV0661, AV0662, AV0663, AV0664.

2-34. Special Course for Safety Management (Basic) (Course Number: 011 D13)

a. *Objective.* To provide specialized technical skill and general managerial development for safety careerists and military personnel who manage a safety and accident prevention program.

b. *Eligibility.* Members of Active Army or Reserve Components or civilian employees of the Federal Government whose assignments require knowledge of safety.

c. *Curriculum.* 10 subcourses.

d. *Subcourses.* AV0587, FI2030, IS1460, IS1703, FI0921, AV0582, AV0584, AV0585, AV0586, FI0950.

Section V

U.S. Army Aviation Logistics School

2-35. Aviation Maintenance Management Course (Course Number: 552 D11)

a. *Objective.* To provide training for enlisted personnel holding or desiring to prepare for an Aviation Maintenance

Management MOS. An MOS cannot be awarded for CMF 67 (see DA Pam 611–21) from correspondence study. Some of these subcourses teach theory and principles essential to aviation specialties, and some give general information and background helpful in MOS preparation.

b. Eligibility. Enlisted personnel assigned to a duty position in CMF 67 and civilian employees of the Federal Government whose assignments require knowledge of aviation maintenance management.

c. Curriculum. 6 subcourses.

d. Subcourses. AL9001, AL9002, AL9003, AL9006, AL9007, AV0181.

2–36. Basic Aircraft Maintenance Course (Course Number: 552 D13)

a. Objective. To provide training for enlisted personnel holding or desiring to prepare for resident training in an aircraft maintenance MOS. An MOS cannot be awarded from correspondence study for CMF 67. Some of these subcourses teach theory and principles essential to aviation specialties, and some provide background and information helpful in MOS preparation.

b. Eligibility. Enlisted personnel assigned to a duty position in CMF 67 and civilian employees of the Federal Government whose assignments require knowledge of basic aircraft maintenance.

c. Curriculum. 12 subcourses.

d. Subcourses. AL0907, AL0917, AL0926, AL0966, AL0992, AL0993, AL9000, AL9004, AL9005, AL9107, AL9108, AV0181.

2–37. Aircraft Structural Maintenance Technician (Course Number: CDC 2A 753)

a. Objective. To provide training in corrosion control theory, prevention, inspection techniques, identification, and control of corrosion.

b. Eligibility. NCOs holding MOS 68G or working in an aircraft structural repair duty position.

c. Curriculum. This course is an Air Force Career Development Course (CDC 2A 753) consisting of four volumes totaling 30 study hours. Volume one coverage range from use of basic hand tools through specialized tools. Volume two covers publications through damage assessment and control. Volume three is in two parts and covers aircraft metals, layout techniques, aircraft fastener types, preresult procedures, damage removal and fastener layout, fabrication and installation of repair parts, special repair situations, aircraft cables, and aircraft tubing. Volume four covers types of composites and repair, fiberglass structures, metal bonded honeycombed structures, and advanced composites.

d. How to Enroll. Use ECI Form 23 (ECI Enrollment Application Air Force) to enroll in this course. Enrollment forms may be obtained from the local education center or from the Air University Registrar (DSN: 596–4900/4536). Forms should be completed in accordance with the instructions and mailed or faxed to: OAS/EIOR, 50 South Turner, Maxwell AFB, Gunter Annex, Alabama 36118–5643. FAX number is DSN: 596–4679.

Section VI

U.S. Army Chaplain Center and School

Additional information about Chaplain School courses may be found at the Web site <http://www.usachcs.army.mil>. For information about course content, contact the school by e-mail at dlspt@usachcs.army.mil or by phone at (803) 751–8249 or DSN 734–8249.

2–38. RC Chaplain Officer Advanced Course (Course Number: 805D A11)

Completion of this course provides Reserve Component chaplains with educational qualification for promotion to major. Phase I includes brigade-level common core instruction which will be provided by the Chaplain Center and School.

a. Objective. To prepare ARNG/USAR chaplains, not on active duty, in the skills and knowledge necessary to provide religious support and perform brigade chaplain duties.

b. Eligibility. RC chaplains in the rank of captain who have completed the Chaplain Officer Basic Course and Basic Chaplain Sustainment Training. Eligible chaplains may choose either to take the entire course in residence or through the following resident/nonresident process:

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) Common core training provided by the U.S. Army Chaplain Center and School and 11 subcourses.

(b) *Subcourses.* CH0583, CH0584, CH0585, CH0813, CH0825, CH0815, CH0586, CH0838, CH0826, CH0809, CH0811.

(2) *Phase II.* Resident only. Must complete phase I before attending phase II.

2–39. RC Chaplain Officer Basic Course (Course Number: 805D B11)

a. Objective. To provide training for newly commissioned ARNG/USAR chaplains and chaplain candidates.

b. Eligibility.

(1) Commissioned officers whose assignment is to the Chaplain Corps and whose first assignment will be in the ARNG or USAR.

(2) Completion of Chaplain Officer Basic (Common Core). Chaplains or chaplain candidates who have completed Army Reserve Officers' Training Corps (ROTC), Officer Candidate School (OCS), or U.S. Military Academy (USMA) may apply for a waiver by writing to the above address.

c. Curriculum. 3 phases.

(1) *Phase 1.* Phase I may be completed by *either* of the following options.

(a) 2 weeks resident training at the U.S. Army Chaplain Center and School or—

(b) *Correspondence subcourses.* IS7008, IS8700, IS3005, IN0830, IS7038, IS7034, CH0812, IS7032, IS1460.

(2) *Phase 2.* 3 weeks resident training at the U.S. Army Chaplain Center and School.

(3) *Phase 3.* 3 weeks resident training at the U.S. Army Chaplain Center and School.

2-40. Chaplain Assistant Senior Supervisor Sustainment Training Course (MOS 56M50) (Course Number: 805D M51)

a. Objective. To provide personnel with skills and knowledge of those duties required for performance as Master Unit Ministry Team (UMT) NCO and Chief UMT NCO in the rank of MSG or sergeant major (SGM).

b. Eligibility. Members of the Active Army or Reserve Components in MOS 56M40 whose assignments require the skills and knowledge available through this course.

c. Curriculum. 6 subcourses.

d. Subcourses. FI2030, CH0826, CH0827, CH0828, AG0010, IS1460.

2-41. Chaplain Assistant Advanced Sustainment Training Course (MOS 56M40) (Course Number: 805D M41)

a. Objective. To provide skills and knowledge needed to serve as a Senior UMT NCO at division staff chaplain section level in the rank of SFC.

b. Eligibility. Members of the Active Army or Reserve Components in MOS 56M30 whose assignments require the skills and knowledge available through this course.

c. Curriculum. 14 subcourses.

d. Subcourses. CH0607, CH4106, IS1703, IS8700, IS8701, IS8711, IS8710, AG0034, IS1804, IS1705, IS0788, IS3003, IS3005, IS1600.

2-42. Chaplain Assistant Reserve Component Reclassification Course (MOS 56M10) (Course Number: 805D M35)

a. Objective. To provide reclassifying enlisted RC personnel with the skills and technical ability to perform or provide religious support necessary to accomplish the Unit Ministry Team (UMT) mission during mobilization, deployment, and combat.

b. Eligibility. Must be an RC soldier, hold a primary MOS (PMOS), and be recommended by your commander for reclassification into the chaplain assistant MOS. Must meet the qualifications for the MOS 56M10 as outlined in AR 611-201. For information contact the Chief UMT NCO at the CONUSA (numbered armies in the continental United States) Staff Chaplain's office responsible for your area or the Chaplain School at the address listed above.

c. Curriculum. 2 phases.

(1) *Phase I.* Inactive duty for training (IDT) phase.

(a) 11 subcourses.

(b) *Subcourses.* CH0605, CH0816, CH0820, CH0817, CH0818, CH0819, CH0823, CH0824, CH1312, CH1313, CH1315.

(2) *Phase II.* Active duty for training (ADT) phase. 2 weeks resident training conducted by Reserve Component Training Institutions.

2-43. Chaplain Assistant Initial Sustainment Training Course (MOS 56M) (Course Number: 805D M31)

a. Objective. To provide refresher and upgrade training in branch specific and other duty position areas for Active Duty and Reserve Components chaplain assistants who have completed either Chaplain Assistant Advanced Individual Training or the Chaplain Assistant Reserve Components Reclassification Course.

b. Eligibility. Any soldier who has completed Chaplain Assistant Advanced Individual Training or the Chaplain Assistant Reclassification Course is eligible to take this course.

c. Curriculum. 14 subcourses.

d. Subcourses. CH0816, CH0820, CH0817, CH0818, CH0819, CH0821, CH0823, CH0824, CH1311, CH1312, CH1313, CH1315, CH0605, AG0404.

Section VII
U.S. Army Chemical School

2-44. RC Chemical Officer Advanced Course (Course Number: 031 A11)

a. Objective. To prepare RC commissioned officers at the rank of first lieutenant through major for company/detachment command and staff duties at battalion through division or comparable level.

b. Eligibility.

(1) Commissioned officers, first lieutenant through major, who are members of the Reserve Component and have not received credit for the Chemical Officer Advanced Course. Must have completed an officer basic course and meet the U.S. Army height and weight standards.

(2) DOD civilians, GS-7 and above, who have a need for advanced chemical training.

c. Administrative Instructions.

(1) Chemical Branch commissioned officers must complete phases I and III only. Phase I must be completed before beginning phase III.

(2) Commissioned officers branch transferring to Chemical Corps and DOD civilians must complete phases I, II and III. Phases I and II must be completed before beginning phase III. Phase I is not a prerequisite to phase II.

d. Curriculum. 2 or 3 phases.

(1) *Phase I.* Correspondence.

(a) 17 subcourses.

(b) *Subcourses.* IS0346, IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, CM1303, CM2300, CM2306, CM2307, CM2308, CM2402, CM3401, CM3404, CM5206, CM7116.

(2) *Phase II.* Branch transfer phase (resident training). Officers not CM OB qualified must attend and complete the Unit NBC Defense Officer/NCO Course conducted at RC training institutions or installation schools. Credit will not be given for completion of this course by correspondence.

(3) *Phase III.* 2 weeks resident training conducted at the Chemical School.

2-45. RC Chemical Senior Leader Qualification Course (Course Number: 031 Q11)

a. Objective. To provide senior leaders of the Reserve Component, who are not Chemical qualified and are serving in a branch code 74 capacity, an opportunity for branch qualification through combined correspondence and resident study.

b. Eligibility. MAJ(P) and above who have completed Command and General Staff College and are serving in a branch code 74 capacity and need to become branch qualified. Verification of Command and General Staff College completion and duty position is required. No waiver will be given for previous completion of the subcourses.

c. Curriculum. 2 phases, not sequential.

(1) *Phase I.* Correspondence.

(a) 15 subcourses.

(b) *Subcourses.* IS0341, IS0342, CM1203, CM1303, CM2300, CM2306, CM2307, CM2308, CM2506, CM3300, CM3401, CM3404, CM5206, CM7106, CM7116.

(2) *Phase II.* Resident training Joint Senior Leader/Chemical Officer Course at Fort Leonard Wood, MO (3 days).

2-46. Unit NBC Defense Officer/NCO Refresher Course (Course Number: 031 F11)

a. Objective. To provide officers and enlisted personnel who are assigned as unit NBC Defense personnel with a knowledge of all areas of NBC Defense and NBC Defense training.

b. Eligibility. PFC or above assigned to additional duty as an NBC Defense Officer or NCO who have previously completed the resident NBC Defense Officer/NCO Course. This course should not be taken by personnel trying to obtain a chemical MOS or enter the chemical career field. *Personnel enrolling in this course must have completed the resident NBC Defense Officer/NCO Course.*

c. Curriculum. 17 subcourses.

d. Subcourses. IS0341, IS0342, IS0343, IS0344, IS0345, IS0346, IS0347, CM1303, CM2300, CM2307, CM2308, CM2402, CM3300, CM7105, CM7106, CM7114, CM7116.

2-47. Chemical Advanced Refresher Course (Course Number: 031 D11)

a. Objective. To train enlisted personnel to plan, coordinate, and supervise NBC training and operations of chemical units for brigade or higher level staffs at skill level 4, CMF 54.

b. Eligibility. SSG and above in MOS 54B.

c. Curriculum. 19 subcourses.

d. Subcourses. AD0700, IN0800, IS0341, IS0342, IS0343, IS0345, IS0346, IS1460, IS1804, IS3003, CM1203, CM2304, CM2306, CM2307, CM3209, CM3300, CM3305, CM3401, CM3404.

2-48. Chemical Specialist Refresher Course (MOS 54B30) (Course Number: 031 M30)

a. Objective. To provide a means for personnel to continue their education and training and to progress to higher skill levels in their career fields.

b. Eligibility. Must be MOS 54B20 or above, except for reclassified personnel.

c. Curriculum. 24 subcourses.

d. Subcourses. MM0651, SS0713, MM0308, MM0309, MM0320, MM0323, MM0324, SS0002, SS0732, SS0016, SS0345, SS0344, MM0750, MM0327, SS9782, SS9783, SS0328, SS0329, SS0330, SS0333, SS0332, SS0334, SS0031, SS0042.

2-49. Decontamination Course (Course Number: 031 M32)

a. Objective. To provide personnel with MOS specific refresher training. Subcourses may be taken separately or as part of a course.

b. Eligibility. Personnel in MOS 54B.

c. Curriculum. 11 subcourses.

d. Subcourses. IS0346, CM1204, CM1205, CM1207, CM2206, CM2300, CM2302, CM2506, CM3201, CM7114, CM7116.

2-50. Smoke Course (Course Number: 031 M34)

a. Objective. To provide personnel with MOS refresher training. Subcourses may be taken separately or as part of a course.

b. Eligibility. Personnel in MOS 54B.

c. Curriculum. 7 subcourses.

d. Subcourses. CM3201, CM3204, CM3208, CM3209, CM3300, CM3305, CM7112.

Section VIII

Combat Lifesaver Course (U.S. Army Medical Department Center and School)

2-51. Combat Lifesaver Correspondence Course (Course Number: 081 F11)

a. General information.

(1) The Combat Lifesaver Correspondence Course is available through group enrollment. To establish this group enrollment, AIPD must receive the following:

(a) A cover letter signed by the battalion commander or a lieutenant colonel or higher. The cover letter should identify the primary instructor (group leader). All instructors of the Combat Lifesaver Course must meet the following criteria: either hold primary MOS 91W or 18D or be a licensed paramedic (state or national), registered nurse, physician assistant or physician. These requirements reflect the level of expertise necessary to resolve medical emergencies associated with the tasks taught.

(b) One DA Form 145 (Army Correspondence Course Enrollment Application) enrolling the primary instructor in IS0826, along with a list of assistant instructors, if any. The DA Form 145 should be signed by a responsible official who has the authority to requisition or acquire the necessary medical supplies to support this training.

(c) A roster of students enrolling in IS0824 and IS0825. The roster must include each student's full name, rank, SSN, and component code. Ideally, no more than 15 to 20 students should be assigned to each group.

(2) Once the group enrollment processes, if a student is unable to attend class, but can be rescheduled within 1 year, his or her enrollment should not be canceled. The instructor should keep all the material for the student until he or she can attend the class. For students who cannot be rescheduled, a request must be submitted to cancel their enrollment. The group leader may cancel an enrollment by writing "CANCEL" across the student's scan sheet and returning it to AIPD or send a memo identifying which student enrollments should be cancelled. Group leaders must also ensure that soldiers completing this training promptly receive their completion notices (ATSC Form 157). For further information on group study, see paragraph 1-7c.

(3) When contacting AIPD, you must provide the group enrollment number that is found on your enrollment notice, ATSC Form 157.

b. Objective. To provide the training required for a soldier to be awarded the combat lifesaver designation.

c. Eligibility. Students will be selected by their unit to attend the group study program.

d. Curriculum. 2 subcourses and examination booklet (shipped in one box), 40 credit hours.

(1) Includes self-study materials and approximately 3 days of classroom instruction and testing. Testing includes both proctored multiple-choice and performance examinations. One examination response sheet (coded IS0827) for each student is returned to AIPD for grading upon completion of the examinations for IS0824 and IS0825. This is a GO or NO/GO course.

(2) *Subcourses.* IS0824, IS0825. (IS0826 is only available to the instructor and assistant instructors.)

e. Recertification. Do not reenroll soldiers requiring recertification. Recertification can be accomplished by unit instructors. The instructor manual includes an examination for recertification. The examination can be reproduced.

f. Additional information. For additional information, write to Distance Learning Support Division at the Army Institute for Professional Development, U.S. Army Training Support Center, Newport News, VA 23628-0001, or call DSN 927-3322/2127 or commercial 757-878-3322/2127.

Section IX

Defense Language Institute

2-52. General

Each Defense Language Institute proficiency improvement course consists of two correspondence phases of ten subcourses each. The Reading subcourses each contain a workbook. The Listening subcourses each contain a workbook and a cassette tape. The following objectives and eligibility requirements apply to all courses listed in this section:

a. Objective. To provide language training to DOD linguists, regardless of occupational specialty, at proficiency level 1 or 1+ in Reading and Listening. The goal is to attain a proficiency of level 2. Proficiency levels are based on the Defense Language Institute, Foreign Language Center, Language Skill Level Descriptions as measured by the Defense Language Proficiency Test III/IV (DLPT III/IV).

b. Eligibility. Officers and enlisted soldiers of all components and DOD civilian employees. Must have a qualifying proficiency level of 1 or 1+ on the DLPT III/IV.

c. Administrative instructions. You may enroll in the Listening phase only, the Reading phase only, or both.

2-53. Russian Proficiency Improvement Course (Course Number: 215 F11)

Curriculum contains 2 phases. Specify in which phase or phases you wish to enroll.

a. Phase I. Reading.

(1) 10 subcourses.

(2) *Subcourses.* DL1101, DL1102, DL1103, DL1104, DL1105, DL1106, DL1107, DL1108, DL1109, DL1110.

b. Phase II. Listening.

(1) 10 subcourses.

(2) *Subcourses.* DL1201, DL1202, DL1203, DL1204, DL1205, DL1206, DL1207, DL1208, DL1209, DL1210.

2-54. Polish Proficiency Improvement Course (Course Number: 215 F21)

Curriculum contains 2 phases. Specify in which phase or phases you wish to enroll.

a. Phase I. Reading.

(1) 10 subcourses.

(2) *Subcourses.* DL2101, DL2102, DL2103, DL2104, DL2105, DL2106, DL2107, DL2108, DL2109, DL2110.

b. Phase II. Listening.

(1) 10 subcourses.

(2) *Subcourses.* DL2201, DL2202, DL2203, DL2204, DL2205, DL2206, DL2207, DL2208, DL2209, DL2210.

2-55. Czech Proficiency Improvement Course (Course Number: 215 F31)

Curriculum contains 2 phases. Specify in which phase or phases you wish to enroll.

a. Phase I. Reading.

(1) 10 subcourses.

(2) *Subcourses.* DL3101, DL3102, DL3103, DL3104, DL3105, DL3106, DL3107, DL3108, DL3109, DL3110.

b. Phase II. Listening.

(1) 10 subcourses.

(2) *Subcourses.* DL3201, DL3202, DL3203, DL3204, DL3205, DL3206, DL3207, DL3208, DL3209, DL3210.

Section X

U.S. Army Engineer School

2-56. Courses for officers

The military educational guidelines in table 2-2 have been established for engineer officers and officers transferring to the Corps of Engineers. Branch qualifications can be acquired or maintained by completing the applicable instruction below.

Table 2-2
Military educational guidelines for engineer officers

Grade: All grades
Military education status: Has completed Engineer Officer Advanced Course.
Military education requirements for branch qualification: Is branch qualified.

Grade: All grades
Military education status: Has completed part, but not all, of another branch officer advanced course.
Military education requirements for branch qualification: Completion of the Engineer Officer Advanced Course. Equivalent credit may be granted.

Grade: All grades
Military education status: Has completed another branch officer advanced course.
Military education requirements for branch qualification: Completion of the Engineer Officer Advanced Course.

Grade: Company grades
Military education status: Has completed an Engineer Officer Basic Course.
Military education requirements for branch qualification: Is Branch qualified.

Grade: Company grades
Military education status: Has completed another branch officer basic course.
Military education requirements for branch qualification: Completion of an Engineer Officer Advanced Course.

Grade: Company grades
Military education status: Has completed part but not all of another branch officer basic course.
Military education requirements for branch qualification: Completion of an Engineer Officer Basic Course. Equivalent credit may be granted.

Grade: Company grades
Military education status: Has not completed an Engineer Officer Basic Course.
Military education requirements for branch qualification: Completion of an Engineer Officer Basic Course.

2-57. RC Engineer Officer Advanced Course (Course Number: 052 A11)

a. Objective. To train selected Reserve Component officers to perform effectively in engineer company grade assignments such as company commander, battalion/brigade staff, brigade engineer, and assistant division engineer.

b. Eligibility. RC commissioned officers in the grade of first lieutenant or above assigned a primary specialty in branch code 21 or combat arms/combat support. Must have completed the Engineer or other officer basic course.

c. Curriculum. 2 phases. Phase I must be completed before enrollment in phase II.

(1) *Phase I.* Correspondence.

(a) 24 subcourses

(b) *Subcourses.* IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, EN5479, EN5480, EN5481, EN5482, EN5483, EN5484, EN5485, EN0064, EN0353, EN0365, EN5458, EN5459, EN0375, EN5462, EN5465, EN5466, EN5478, EN5704.

(2) *Phase II.* 2 weeks resident training.

2-58. RC WOAC Utilities Operations and Maintenance Technician (MOS 210A) (Course Number: 052 W31)

a. Objective. To provide senior-level training for CW2(P) and CW3 Utilities Operation and Maintenance Technicians (MOS 210A).

b. Eligibility. RC warrant officers qualified in MOS 210A. USAR warrant officers must be CW2(P) or CW3 in a senior warrant officer position. National Guard warrant officers must be CW2 or CW3 with at least 3 years time in grade.

c. Administration. Phase I must be completed before starting phase II. A phase completion notice will be issued upon completing phases I, II, and III and a diploma upon completion of phase IV. Resident phases are taught at U.S. Army Engineer Center, Fort Leonard Wood, MO 65473.

d. Curriculum. 4 phases.

(1) *Phase I.* Correspondence.

(a) 11 subcourses.

(b) *Subcourses.* IS1460, IS1802, IS1803, IS1804, IS7032, IT0469, IT0468, IS0103, IS7006, IS8720, IS0345.

(2) *Phase II.* 2 weeks resident training.

(3) *Phase III.* Correspondence

(a) 10 subcourses.

(b) *Subcourses.* EN0069, EN0113, EN0375, EN0533, EN5111, EN5112, EN5115, EN5154, EN5160, EN5707.

(4) *Phase IV.* 2 weeks resident training.

2–59. RC WOAC Engineer Equipment Repair Technician (MOS 919A) (Course Number: 052 W33)

a. *Objective.* To provide senior-level training for CW2(P) and CW3 Engineer Equipment Repair Technicians (MOS 919A).

b. *Eligibility.* RC warrant officers qualified in MOS 919A. USAR warrant officers must be CW2(P) or CW3 in a senior warrant officer position. National Guard warrant officers must be CW2 or CW3 with at least 3 years time in grade.

c. *Administration.* Phase I must be completed before starting phase II, and phase III must be completed before starting phase IV. Phase completion notices will be issued upon completing phases I, II, and III; and a diploma upon completion of phase IV. Resident phases are taught at U.S. Army Engineer Center, Fort Leonard Wood, MO 65473.

d. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 12 subcourses.

(b) *Subcourses.* IS1460, IS1802, IS1803, IS1804, IS7032, IS8718, IS8719, IT0469, IS3003, IT0468, IS0342, IS0103.

(2) *Phase II.* 2 weeks resident training.

(3) *Phase III.* Correspondence.

(a) 12 subcourses.

(b) *Subcourses.* OD0453, OD0454, OD0960, OD0961, OD0962, OD0967, OD0966, QM3602, OD0969, QM3801, QM3805, EN5704.

(4) *Phase IV.* 2 weeks resident training.

2–60. RC WOBC Utilities Operations and Maintenance Technician (MOS 210A) (Course Number: 052 W11)

a. *Objective.* To train and certify RC warrant officers for appointment and initial assignment as utilities operations and maintenance technicians, MOS 210A.

b. *Eligibility.*

(1) Reserve Component warrant officers who have completed the Warrant Officer Candidate School (resident only).

(2) Must meet height/weight standards and pass Army physical readiness test (APRT).

c. *Administration.* Phase I must be completed before starting phase II, and phase III must be completed before starting phase IV. A phase completion notice will be issued upon completing phases I, II, and III; and a diploma upon completion of phase IV. Resident phases are taught at U.S. Army Engineer Center, Fort Leonard Wood, MO 65473.

d. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 11 subcourses.

(b) *Subcourses.* QM3601, OD0451, EN5261, AV0587, OD1009, OD0450, OD0454, EN5702, OD1633, OD1622, EN5708.

(2) *Phase II.* 2 weeks resident training (114 hours).

(3) *Phase III.* Correspondence.

(a) 14 subcourses.

(b) *Subcourses.* EN5155, EN5156, EN5157, EN5110, EN0158, EN0389, MM0308, IS0345, IS0823, EN5480, OD1747, OD1749, EN5144, EN5263.

(4) *Phase IV.* 2 weeks resident training (103 hours).

2–61. RC WOBC Engineer Equipment Repair Technician (MOS 919A) (Course Number: 052 W13)

a. *Objective.* To train and certify RC warrant officers for appointment and initial assignment as engineer equipment repair technicians, MOS 919A.

b. *Eligibility.*

(1) Reserve Component warrant officers who have completed the Warrant Officer Candidate School (resident only).

(2) Must meet height/weight standards and pass APRT.

c. *Administration.* Phase I must be completed before starting phase II, and phase III must be completed before starting phase IV. Phase completion notices will be issued upon completing phases I, II, and III; and a diploma upon completion of phase IV. Resident phases are taught at U.S. Army Engineer Center, Fort Leonard Wood, MO 65473.

d. *Curriculum.* 4 phases.

- (1) *Phase I.* Correspondence.
 - (a) 13 subcourses.
 - (b) *Subcourses.* QM3601, OD1403, EN5261, OD0451, OD1009, MM0308, OD1622, EN5702, IS1803, OD0450, OD0452, OD0453, OD0454.
- (2) *Phase II.* 2 weeks resident training (120 hours).
- (3) *Phase III.* Correspondence.
 - (a) 14 subcourses.
 - (b) *Subcourses.* EN5259, EN5260, OD1006, OD1007, OD1002, OD1003, OD1008, OD1650, OD1651, OD1654, OD0455, OD1619, OD1004, OD1633.
- (4) *Phase IV.* 2 weeks resident training (120 hours).

2–62. Terrain Analysis Technician Refresher Course (MOS 215D) (Course Number: 052 W37)

- a. *Objective.* To provide senior-level refresher training for CW2 and above terrain analysis technicians (MOS 215D).
- b. *Eligibility.* CW2 and above who have successfully functioned as 215D, Terrain Analysis Technicians, and who hold 215D as a primary or secondary MOS.
- c. *Curriculum.* 9 subcourses.
- d. *Subcourses.* IS1460, IS7008, IS1703, EN0591, EN0592, EN0593, EN0594, IS1803, IS8701.

2–63. Combat Engineering Advanced Refresher Course (CMF 12) (Course Number: 052 D11)

- a. *Objective.* To provide enlisted personnel with working knowledge of those duties required to perform in the rank of SFC.
- b. *Eligibility.* SSGs and SFCs of the Active Army or the Reserve Components.
- c. *Curriculum.* 32 subcourses.
- d. *Subcourses.* IS1203, IS1804, MP1004, MP1005, IS1202, AD0700, IS1460, QM0113, QM0114, QM0115, QM0116, IS7034, IS7035, EN5501, EN5503, IS0788, IS8700, IS8701, IS8711, IS8710, EN5157, EN0069, EN0375, EN5453, EN5478, EN0053, EN5581, EN0353, EN0508, EN5622, EN5704, EN5708.

2–64. Combat Engineering Basic Refresher Course (CMF 12)

- a. *Objective.* To provide selected enlisted personnel with a working knowledge of those duties required to perform in the rank of SSG in their MOS.
- b. *Eligibility.* Members of the Active Army or a Reserve Component in the rank of SSG or below.
- c. *Curriculum.* The number of subcourses and length are dependent on the student's MOS. Students applying for this course must specify their MOS and skill level when enrolling.
 - (1) *MOS 12B (Course Number: 052 M11).*
 - (a) 35 subcourses.
 - (b) *Subcourses.* IS7034, IS7035, IS0821, IS8700, IS1803, IS1202, IS0343, IS0345, IS0902, OD0960, OD0961, IN1013, IN0201, IN0202, IS0788, IN1008, IN0498, IN0493, IS3003, IN0500, IN0497, IN0528, IN0531, QM0113, QM0114, QM0115, QM0116, EN0054, EN0053, EN5501, EN5503, EN0065, EN0501, EN5622, EN5700.
 - (2) *MOS 12C (Course Number: 052 M13).*
 - (a) 34 subcourses.
 - (b) *Subcourses.* IS7034, IS7035, IS0821, IS8700, IS1803, IS1202, IS0343, IS0345, IS0902, IN1013, IN0201, IN0202, IS0788, IN1008, IN0498, IN0493, IS3003, IN0500, IN0497, IN0528, IN0531, QM0113, QM0114, QM0115, QM0116, EN0054, EN0053, EN5581, EN5501, EN5503, EN0065, EN0501, EN0508, EN5700.

2–65. Combat Engineer Course (MOS 12B) (Course Number: 052 M17)

- a. *Objective.* To provide soldiers in MOS 12B a review and refresher course.
- b. *Eligibility.* Soldiers in MOS 12B who have not attended the resident course within the past 4 years.
- c. *Curriculum.* 6 subcourses.
- d. *Subcourses.* EN0501, EN0065, EN0053, EN5581, EN5621, EN5700.

2–66. Bridge Crewman Course (MOS 12C) (Course Number: 052 M19)

- a. *Objective.* To provide enlisted personnel in MOS 12C a review and refresher course.
- b. *Eligibility.* Soldiers in MOS 12C who have not attended the resident course within the past 4 years.
- c. *Curriculum.* 8 subcourses.
- d. *Subcourses.* EN0501, EN0353, EN0508, EN0065, EN0053, EN5581, EN5700, EN5708.

2-67. General Engineering Advanced Refresher Course (CMF 51) (Course Number: 052 D13)

a. Objective. To provide enlisted personnel with a working knowledge of those duties required to perform in the rank of SFC.

b. Eligibility. Members of the Active Army or a Reserve Component in the rank of SGT, SSG, or SFC.

c. Curriculum. 34 subcourses.

d. Subcourses. IS1203, IS1804, MP1004, MP1005, IS1202, AD0700, IS1460, QM0113, QM0114, QM0115, QM0116, IS7034, IS7035, EN5501, EN5503, IS8700, IS8701, IS8711, IS8710, EN5157, EN0069, EN0375, EN5453, EN5466, EN5458, EN5459, EN5463, EN5464, EN0064, EN0389, EN0353, EN0508, EN5702, EN5708.

2-68. General Engineering Basic Refresher Course (CMF 51)

a. Objective. To provide selected enlisted personnel with a working knowledge of the duties required to perform in the rank of SSG.

b. Eligibility. Members of the Active Army or a Reserve Component in the rank of SP, SGT, or SSG.

c. Curriculum. The number of subcourses and length are dependent on the student's MOS. Students applying for this course must specify their MOS and skill level when enrolling.

(1) *MOS 51B/M/R and 52E (Course Number: 052 M31).*

(a) 27 subcourses.

(b) *Subcourses.* IS1203, IS1803, QM0113, QM0114, QM0115, QM0116, IS7034, IS7035, IS7036, IS1460, OD0960, OD0961, EN0054, EN0053, EN5581, EN5501, EN5503, IS0788, EN0158, EN0113, EN0353, EN5478, EN5700, EN0389, EN5140, QM3502, EN5708.

(2) *MOS 62E/F/G/H/J (Course Number: 052 M33).*

(a) 20 subcourses.

(b) *Subcourses.* IS1203, IS1803, QM0113, QM0114, QM0115, QM0116, IS7034, IS7035, IS7036, IS1460, EN0054, EN0053, EN5581, EN5501, EN5503, IS0788, EN5463, EN5478, EN5700, EN5708.

(3) *MOS 51T (Course Number: 052 M35).*

(a) 30 subcourses.

(b) *Subcourses.* IS1203, IS1803, QM0113, QM0114, QM0115, QM0116, IS7034, IS7035, IS7036, IS1460, OD0960, OD0961, EN0054, EN0053, EN5581, EN5501, EN5503, IS0788, EN0353, EN0501, EN5453, EN0064, EN0113, EN0158, EN0591, EN0592, EN0594, EN5700, OD1654, EN5708.

(4) *MOS 62B (Course Number: 052 M37).*

(a) 18 subcourses.

(b) *Subcourses.* IS1203, IS1803, QM0113, QM0114, QM0115, QM0116, IS7034, IS7035, IS7036, IS1460, EN0054, EN0053, EN5581, EN5501, EN5503, EN5478, EN5700, EN5708.

2-69. Diver General Engineering Course (MOS 00B) (Course Number: 052 M38)

a. Objective. To provide enlisted personnel with a working knowledge of the general engineering skills required to perform in their MOS.

b. Eligibility. Members of the Active Army or the Reserve Component who currently hold MOS 00B.

c. Curriculum. 25 subcourses.

d. Subcourses. QM0113, QM0114, QM0115, QM0116, EN0053, EN0054, EN0069, EN5151, EN5152, EN5153, EN5155, EN5156, EN5460, EN5481, EN5482, EN5485, EN5581, EN0353, EN0113, EN5501, OD1651, SS0573, SS0507, EN5466, OD1654.

2-70. Carpentry and Masonry Specialist Course (MOS 51B) (Course Number: 052 M40)

a. Objective. To provide soldiers in MOS 51B and DA civilians working in this field a review and refresher course.

b. Eligibility. Soldiers in MOS 51B who have not attended the resident course within the past 4 years and DA civilians working in the WG-4600 or WG-3600 job series.

c. Curriculum. 8 subcourses.

d. Subcourses. EN5155, EN5156, EN0533, EN5157, EN0562, EN0563, EN0113, EN5160.

2-71. Construction Engineer Supervisor Course (MOS 51H) (Course Number: 052 M42)

a. Objective. To provide soldiers in MOS 51H a review and refresher course.

b. Eligibility. NCOs in MOS 51H.

c. Curriculum. 11 subcourses.

d. Subcourses. EN5151, EN5152, EN5153, EN5154, EN5161, EN0113, EN0069, EN0375, EN0533, EN5160, EN5466.

2-72. Plumber Course (MOS 51K) (Course Number: 052 M44)

a. Objective. To provide soldiers in MOS 51K and DA civilians working in this field a review and refresher course.

b. Eligibility. Soldiers in MOS 51K who have not attended the resident course within the past 4 years and DA civilians working in the WG-4200 series.

c. Curriculum. 9 subcourses.

d. Subcourses. EN5110, EN5111, EN5112, EN5113, EN5114, EN5115, EN0113, EN0158, EN0389.

2-73. Electrician Course (MOS 51R) (Course Number: 052 M46)

a. Objective. To provide soldiers in MOS 51R and DA civilians working in this field a review and refresher course.

b. Eligibility. Soldiers in MOS 51R who have not attended the resident course within the past 4 years and DA civilians working in the WG-2800 series.

c. Curriculum. 10 subcourses.

d. Subcourses. EN5140, EN5141, EN5142, EN5143, EN5144, EN5145, EN5146, EN0113, EN0158, EN0389.

2-74. Construction Equipment Repair Course (MOS 62B) (Course Number: 052 M50)

a. Objective. To provide soldiers in 62B a review and refresher course.

b. Eligibility. Soldiers in MOS 62B, warrant officer candidates or warrant officer applicants for MOS 919A, and civilians in job series 1670.

c. Curriculum. 9 subcourses.

d. Subcourses. EN5258, EN5259, EN5260, EN5261, EN5262, EN5263, EN5264, EN5266, EN5702.

2-75. Cartographer Course (MOS 81T) (Course Number: 052 M52)

a. Objective. To provide soldiers in MOS 81T and DA civilians working in this field a review and refresher course.

b. Eligibility. Soldiers in MOS 81T who have not attended the resident course within the past 4 years and DA civilians working in the GS-1370 series.

c. Curriculum. 9 subcourses.

d. Subcourses. EN5301, EN5302, EN5303, EN5307, EN5308, EN5309, EN5341, EN5316, EN5319.

2-76. Topographic Surveyor Course (MOS 82D) (Course Number: 052 M56)

a. Objective. To provide soldiers in MOS 82D and DA civilians working in this field a review and refresher course.

b. Eligibility. Soldiers in MOS 82D who have not attended the resident course within the past 4 years and DA civilians working in the GS-817 series.

c. Curriculum. 3 subcourses.

d. Subcourses. EN0591, EN0592, EN0593.

2-77. Engineer Construction Course (Course Number: 052 D55)

a. Objective. To provide practical instruction in the general field of military construction. The scope is broad yet sufficiently technical to assist engineer construction unit commanders, engineer staff officers, and qualified NCOs in construction planning and operations.

b. Eligibility. Unit commanders and staff officers. NCOs in MOS 51H.

c. Curriculum. 21 subcourses.

d. Subcourses. EN5453, EN5465, EN5466, EN5458, EN5459, EN5463, EN5464, EN0365, EN0390, EN0069, EN0375, EN5478, EN0389, EN0113, EN5460, EN0391, EN5462, EN5160, EN5341, EN5702, EN5704.

2-78. Engineer Combat Support Course (Course Number: 052 D57)

a. Objective. To provide instruction in tactics and techniques of leadership and command for combat engineer troop commanders and staffs. The combat role of the engineer unit and its operations in support of other combat units is emphasized.

b. Eligibility. Combat troop commanders and staffs.

c. Curriculum. 8 subcourses.

d. Subcourses. IS3002, EN5501, EN5503, EN0065, EN5479, EN5482, EN5702, EN5704.

Section XI

U.S. Army Field Artillery School

2-79. Senior Officer Field Artillery Refresher Course (Course Number: 061 Q11)

a. Objective. To provide refresher training for Combat Arms Advanced Course graduates.

b. Eligibility. Field-grade officers who have completed one of the combat arms officer advanced courses 3 or more years before enrollment. Security clearance required: none.

c. Curriculum. 10 subcourses.

d. *Subcourses.* FA8151, FA8000, FA8001, FA8160, FA6171, FA6172, FA6173, FA8075, FA8175, FA8016.

2–80. RC Field Artillery Officer Advanced Course (Course Number: 061 A11)

a. *Objective.* To prepare Reserve Component field artillery officers for branch command and staff duties at battalion and brigade or comparable levels in both divisional and nondivisional units.

b. *Eligibility.* RC commissioned officers in the rank of first lieutenant or above who have completed the Field Artillery Officer Basic Course.

c. *Curriculum.* 2 phases.

(1) *Phase I.* Correspondence. Must be completed before enrolling in phase II. No waiver will be granted.

(a) 17 subcourses.

(b) *Subcourses.* IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, FA9000, FA9010, FA9011, FA3117, FA3143, FA3427, FA6005, FA3074, FA3420, FA8001, FA8000.

(2) *Phase II.* 2 weeks resident training.

2–81. RC Field Artillery Officer Advanced Course for Branch Transfers (Course Number: 061 A12)

a. *Objective.* To prepare Reserve Component branch transfer officers for field artillery branch command and staff duties at battalion and brigade or comparable levels in both divisional and nondivisional units.

b. *Eligibility.* RC commissioned officers in the rank of first lieutenant or above who have completed an officer basic course.

c. *Curriculum.* 2 phases.

(1) *Phase I.* Correspondence. Must be completed before enrolling in phase II. No waiver will be granted.

(a) 26 subcourses.

(b) *Subcourses.* IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, FA9000, FA9001, FA9002, FA9003, FA9004, FA9005, FA9006, FA9007, FA9008, FA9010, FA9011, FA9012, FA3074, FA3117, FA3143, FA3420, FA3427, FA6005, FA8000, FA8001.

(2) *Phase II.* 2 weeks resident training.

2–82. Field Artillery Officer Preparatory Advanced Course (Course Number: 061 Q13)

a. *Objective.* To prepare individuals for attendance at the resident officer advanced course at the U.S. Army Field Artillery School.

b. *Eligibility.* Commissioned officers eligible to attend the resident advanced field artillery career development course. Must have completed an officer basic course. Security clearance required: None.

c. *Curriculum.* 18 subcourses. These subcourses are not prerequisites for resident instruction. They do, however, cover subject areas in which resident students frequently experience difficulty. Prospective students need not enroll for the entire course but may select those subcourses they need.

d. *Subcourses.* FA3146, FA3147, FA3149, FA8075, IT0469, IN0515, IS0341, IS0345, IS8700, FA8151, FA8160, FA8175, FA6171, FA6172, FA6173, FA8000, FA8001, FA8016.

2–83. FA Officer Branch Orientation Course (Course Number: 061 Q23)

a. *Objective.* To provide training in the duties of fire support team (FIST) chief, firing battery officer, and cannon artillery battalion staff officer for career enhancement.

b. *Eligibility.* Commissioned officers, other than field artillery officers, of any grade who require basic field artillery training. Commissioned officers of Allied Nations who desire basic field artillery training, warrant officers and enlisted personnel who have completed the Army Precommission Correspondence Course, the Basic Skills Preparatory Course, or an advanced NCO course, and civilians who require this training.

c. *Curriculum.* 59 subcourses.

d. *Subcourses.* FA8151, IN0497, IN0499, IS0788, SS0014, MM0324, SS0652, SS0002, MM0323, IS1132, FA4201, FA3117, FA6001, FA9000, FA9001, FA9002, FA9003, FA9004, FA9005, FA9006, FA9007, FA9010, IN0528, FA4231, FA4230, FA6171, FA6172, FA6173, FA8014, IN0551, FA4203, FA8015, FA8160, FA8000, FA8001, FA4025, FA3420, FA3003, FA8017, FA6186, FA3119, FA3143, FA3173, FA3421, FA3424, FA4202, FA3074, FA3175, FA3146, FA3147, FA3149, FA6005, IS7034, IS7035, FA3310, FA3314, FA3427, FA3428, FA3429.

2–84. RC WOBC Field Artillery Targeting Technician Course (MOS 131A) (Course Number: 061 W11)

a. *Objective.* To train and certify RC warrant officers for initial assignment as field artillery targeting technicians.

b. *Eligibility.*

(1) Reserve Component warrant officers who have completed the Warrant Officer Candidate School at Fort Rucker, AL.

(2) Must meet height/weight standards, pass APFT, and have a SECRET security clearance.

c. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 30 subcourses.

(b) *Subcourses.* OD0454, OD0973, FA6005, FA3074, FA6171, FA6151, FA6186, FA6154, FA6155, FA6156, FA6157, FA6152, FA6153, FA6163, FA6160, FA6158, FA6051, SS0713, MM0702, MM0703, MM0704, IT0332, IT0339, OD1725, IT0338, MM0707, OD0465, OD1402, AV5000, FA6164.

(2) *Phase II.* Resident training. Phase I must be completed before attending phase II. No waivers will be granted.

(3) *Phase III.* Correspondence.

(a) 26 subcourses.

(b) *Subcourses.* IS7004, IN0710, IS7008, EN5481, IN0831, IN0832, IT0462, FA8151, FA8160, FA6173, FA6195, FA3117, FA3119, FA4203, FA8015, FA9011, IS7006, IN0813, IS0102, IS3001, IT0503, IT0671, SS0117, FA6172, IN0801, IN0802.

(4) *Phase IV.* Resident. Phase III must be completed before attending phase IV. No waivers will be granted.

2-85. Field Artillery Senior NCO Targeting Course (Course Number: 061 M50)

a. *Objective.* To provide an overview of targeting fundamentals to NCO with current or anticipated assignment to target production section.

b. *Eligibility.* NCOs of the AC or RC qualified in MOS 13R or 13F. Waiver upon approval from the FA School. Send requests for waiver to Commandant, U.S. Army Field Artillery School, ATTN: ATSF-DM, Fort Sill, OK 73503-5600.

c. *Curriculum.* 31 subcourses.

d. *Subcourses.* FA6171, IS7004, PD2303, IN0710, IS7008, EN5481, IN0832, IT0462, FA9000, FA9001, FA9002, FA9003, FA9004, FA9005, FA9006, FA9007, FA9008, FA8151, FA8160, FA6173, FA3117, FA3119, FA4202, FA4203, FA8015, IS0102, IS3001, SS0117, FA6172, IN0801, IN0802.

2-86. Field Artillery Cannon Advanced Studies

a. *Objective.* To prepare selected individuals to perform cannon firing battery fire direction and fire support element supervisor duties in the rank of SFC.

b. *Eligibility.* SSG or SFC qualified in MOS 13B or 13F.

c. *Curriculum.* Common core plus a track. Specify track when enrolling.

(1) *Common core.*

(a) 29 subcourses.

(b) *Subcourses.* IS1703, IS1460, IT0469, IS7034, IS7035, IS7036, FA8015, IS1202, AG0522, AG0516, IS0341, IS0342, IS0343, IS0344, IS0345, IS0347, IS8700, IS8701, IS8711, IS8710, MP2011, AV0587, IS1803, IS1804, AG0586, IS0788, IS8718, IS8719, FA3314.

(2) *MOS 13B (Course Number: 061 M41).*

(a) 34 subcourses.

(b) *Subcourses.* FA8151, FA3117, FA3119, FA3147, FA3149, FA8000, FA8001, FA3422, FA3424, FA3311, FA3351, FA3420, FA3143, FA6010, FA6001, FA6005, FA3074, FA9000, FA9001, FA9002, FA9003, FA9005, FA9006, FA9007, FA9010, SS0002, FA8014, FA3150, FA3151, FA3003, FA3310, FA3427, FA3428, FA3429.

(3) *MOS 13F (Course Number: 061 M45).*

(a) 14 subcourses.

(b) *Subcourses.* FA8014, FA8151, FA4203, FA6171, FA6172, FA6173, FA8160, FA8175, SS0002, FA8056, FA8075, FA4224, FA3428, FA3429.

2-87. Field Artillery Cannon Basic Studies

a. *Objective.* To prepare selected individuals to perform duties as cannoneers, fire direction specialists, and fire support specialists, in the rank of SSG or SGT.

b. *Eligibility.* SSG or SGT qualified in MOS 13B or 13F. Security clearance required: None.

c. *Curriculum.* Common core plus a track. Specify track desired when enrolling.

(1) *Common core.*

(a) 14 subcourses.

(b) *Subcourses.* IS7034, IS7035, AG0522, AG0516, IS0343, IS0344, IS0347, IS0788, IS8700, IS8701, IS8711, IT0469, IS1802, FA3314.

(2) *MOS 13B (Course Number: 061 M11).*

(a) 13 subcourses.

(b) *Subcourses.* FA8000, FA8001, FA3147, FA3149, FA3311, FA3312, FA3313, FA3420, FA3117, FA3119, FA3422, FA3330, FA3350.

(3) *MOS 13F (Course Number: 061 M15).*

(a) 15 subcourses.

(b) *Subcourses.* FA4201, FA4202, FA4215, FA4231, FA4234, FA4236, FA4230, FA4225, FA8151, FA4203, FA8160, FA6171, FA6172, FA6173, FA4224.

2-88. Radar Repairer Course (MOS 39M) (Course Number: 061 M80)

a. *Objective.* To provide refresher training for enlisted personnel to improve their job skills and to provide familiarization for personnel whose duties require a working knowledge of surveillance radar repair.

b. *Eligibility.* Enlisted personnel whose primary or secondary MOS is 39C, obtained through resident training, and personnel whose duties require familiarization with combat area surveillance radar repair.

c. *Curriculum.* 8 subcourses.

d. *Subcourses.* IS3005, IS0344, MM0702, FA6050, MM0703, MM0704, IT0527, FA6133.

2-89. Cannon Firing Battery Course (MOS 13B/E) (Course Number: 061 M70)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* Enlisted personnel qualified or assigned to a duty position in MOS 13B or 13E.

c. *Curriculum.* 30 subcourses.

d. *Subcourses.* FA3003, FA3117, FA3119, FA3147, FA3149, FA3311, FA3312, FA8000, FA3173, FA3143, FA8001, FA3310, FA3330, FA3350, FA3351, FA3420, FA3422, FA3424, FA3074, FA3313, IS0788, FA6001, FA6010, FA6005, FA9000, FA9001, FA9002, FA9003, FA3175, FA3314.

2-90. Field Artillery Meteorology Course (MOS 93F) (Course Number: 061 M84)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* Enlisted personnel qualified or assigned to a duty position in MOS 93F.

c. *Curriculum.* 8 subcourses.

d. *Subcourses.* FA6050, FA4025, FA6051, FA6053, FA6054, FA6064, FA6066, FA6045.

2-91. Field Artillery Radar Crew Member Course (Course Number: 061 M76)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* Personnel qualified in or assigned to a duty position in 13R or 131A. Waiver may be requested from the Field Artillery School.

c. *Curriculum.* 13 subcourses.

d. *Subcourses.* FA6010, IS0788, FA4025, FA3074, FA6005, FA6151, FA6152, FA6153, FA6154, FA6155, FA6156, FA6157, FA6158.

2-92. Field Artillery Surveyor Course, Level I (MOS 82C) (Course Number: 061 M78)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* Enlisted personnel qualified or assigned to a duty position in MOS 82C.

c. *Curriculum.* 5 subcourses.

d. *Subcourses.* FA6001, FA6010, IS0788, FA6006, FA6031.

2-93. Fire Direction Course, Level I (MOS 13E) (Course Number: 061 M82)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* Enlisted personnel qualified or assigned to a duty position in MOS 13E.

c. *Curriculum.* 7 subcourses.

d. *Subcourses.* FA6010, FA9000, FA9001, FA9002, FA9003, FA9004, FA9006.

2-94. Fire Support Team (FIST) Chief/Member Course (MOS 13F) (Course Number: 061 G11)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* SGTs (E5) qualified or assigned to a duty position in MOS 13F.

c. *Curriculum.* 17 subcourses.

d. *Subcourses.* IS0788, FA8151, FA4201, FA4202, FA4215, FA4225, FA4230, FA4231, FA4234, FA4236, FA8160, IN0491, FA8014, SS0002, FA8056, IS1132, FA4203.

2-95. Fire Support Element (FSE) Member Course (MOS 13F) (Course Number: 061 D11)

a. *Objective.* To provide job-related instruction in field artillery subjects.

b. *Eligibility.* Enlisted personnel qualified or assigned to a duty position in MOS 13F.

c. *Curriculum.* 13 subcourses.

d. Subcourses. IS0788, FA8151, FA8014, FA8015, FA4203, FA8160, FA8175, SS0002, FA8056, IS1132, FA8075, FA4201, FA4202.

2-96. Division Artillery Tactical Operations Center Course (Course Number: 061 D13)

- a. Objective.* To provide job-related instruction in field artillery subjects.
- b. Eligibility.* Active or Reserve Component commissioned officers and ROTC members who are assigned to the Field Artillery Branch. Waiver may be requested from the Field Artillery School.
- c. Curriculum.* 12 subcourses.
- d. Subcourses.* IS0788, FA6171, FA6172, FA6173, FA8014, FA8015, SS0002, FA8151, FA8056, IS1132, FA8075.

Section XII

Finance School (U.S. Army Soldier Support Institute)

2-97. RC Finance Officer Advanced Course (AOC 44) (Course Number: 805A A11)

- a. Objective.* To provide a working knowledge/specialty training in the duties and responsibilities of Finance Corps (FC) officers (AOC 44), and to provide a means whereby FC officers of the Reserve Components may satisfy the minimum educational requirements for promotion or retention.
- b. Eligibility.* All commissioned officers in the rank of first lieutenant or above who have completed the Finance Officer Basic Course or the Finance Officer Branch Qualification Course.
- c. Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence. Students must successfully complete all phase I subcourses prior to enrollment in phase II.
 - (a) 13 subcourses.
 - (b) *Subcourses.* FI2034, FI0712, FI0758, FI0759, FI0790, FI0791, IS8720, IS1801, IS1802, IS1803, IS7038, IS7006, IS7045.
 - (2) *Phase II.* 2 weeks resident training. This training encompasses leadership, brigade fight concepts, finance doctrine, current systems and procedures, and training management within the finance force structure. Battle analysis and practical application of training to date in a command post exercise and field training exercise are also included in this phase.
 - (3) *Phaseout.* The Total Army Training System Finance Captain's Career Course will replace the RC Finance Officer Advanced Course by fiscal year 2003.

2-98. Finance Officer Branch Qualification Course (Course Number: 805A Q11)

- a. Objective.* To branch qualify finance officers who have completed another officer basic course and have completed the branch detail program, or to branch qualify officers from other branches who were approved for branch transfer pending completion of this course.
- b. Eligibility.* This course is open to commissioned officers who have completed an officer basic course in another branch. Civilians GS-7 and above, who are assigned to or pending assignment to positions which require basic knowledge of finance officer operations, may also enroll.
- c. Curriculum.* 25 subcourses.
- d. Subcourses.* FI0732, FI0711, FI0824, FI0700, FI0705, FI0172, FI0843, FI0844, FI0758, FI0759, FI0704, FI0739, FI0752, FI0174, FI0175, FI0176, FI0184, FI0185, FI0186, FI0842, FI0806, FI0807, FI0808, FI0809, FI0811.

2-99. Nonappropriated Funds Management Course (previously Central Accounting Officer Course) (Course Number: 805A Q13)

- a. Objective.* To provide training in financial activities related to nonappropriated fund instrumentalities (NAFI). Individual areas include funding support, categories of NAFI, key personnel recording individual financial transactions, and analyzing financial statements.
- b. Eligibility.* This course is opened to individuals whose duties require this training.
- c. Curriculum.* 7 subcourses.
- d. Subcourses.* FI0708, FIO710, FI2024, F12000, FI2002, FI2004, F12003.
- e. Phaseout.* This course may not be offered as a correspondence course after FY 2003.

2-100. Advanced Level Sustainment Training Technical Course (MOS 73C40/73D40) (Course Number: 805A M27)

- a. Objective.* To provide select personnel with a working knowledge of the duties required to perform as NCOs in the rank of SFC or MSG. This course may be used to prepare for resident ANCOC or as a transition or sustainment course for developing and maintaining technical proficiency.
- b. Eligibility.* This course is open to Active Army and RC NCOs in the rank of SSG and above.

- c. *Curriculum.* 6 subcourses.
- d. *Subcourses.* FI0712, FI2034, FI0758, FI0759, FI2028, IS8720.
- e. *Revision.* Subcourses will undergo revision following implementation of Total Army Training System (TATS).

2-101. Basic Level Sustainment Training Technical Course (MOS 73C/73D) (Course Number: 805A M25)

- a. *Objective.* To provide select personnel with a working knowledge of the duties required to perform as NCOs in the rank of SGT or SSG. This course may be used to prepare for resident BNCO or as a transition or sustainment course for developing and maintaining technical proficiency.
- b. *Eligibility.* This course is open to Active Army and RC NCOs in the rank of SGT and above.
- c. *Curriculum.* 7 subcourses.
- d. *Subcourses.* FI0842, FI0732, FI0752, FI0824, FI0173, FI0843, FI0844.
- e. *Revision.* Subcourses will undergo revision following implementation of Total Army Training System (TATS).

2-102. Military Accounting Supervisor/Technician Course (Course Number: 805A D22)

- a. *Objective.* To provide a working knowledge of the principles, rules, procedures, and reporting requirements of the military accounting system and the Standard Financial System.
- b. *Eligibility.* Officers, civilians, and enlisted personnel whose duties require this training.
- c. *Curriculum.* 17 subcourses.
- d. *Subcourses.* FI0752, FI0824, FI0758, FI0759, FI0747, FI0748, FI0754, FI0755, FI0756, FI0757, FI0710, FI0177, FI0178, FI0179, FI0180, FI0181, FI0182.

2-103. Disbursing Operations Management Course (Course Number: 805A D15)

- a. *Objective.* To provide DOD personnel with a working knowledge of the principles, procedures, and techniques of disbursing operations.
- b. *Eligibility.* This course is open to personnel whose duties require this training.
- c. *Curriculum.* 3 subcourses.
- d. *Subcourses.* FI0842, FI0843, FI0844.

2-104. Planning, Programing, Budgeting, and Execution System Course (Course Number: 805A D52)

- a. *Objective.* To provide Army officers, civilians, and enlisted personnel an introduction to the policies and procedures related to budget resourcing, formulation, execution, and review.
- b. *Eligibility.* This course is open to commissioned and warrant officers, noncommissioned officers, and civilians requiring training for a resource management position.
- c. *Curriculum.* 17 subcourses.
- d. *Subcourses.* FI0752, FI2026, FI2028, FI2032, FI0934, FI3020, FI3022, FI3024, FI3026, FI3028, FI3030, FI3032, FI3034, FI0758, FI0759, FI2030, FI2034.

2-105. Resource Management Budget Course (Course Number: 805A D50)

- a. *Objective.* To provide Army officers, civilians, and enlisted personnel an introduction to resource management policies, processes, and procedures, including budget formulation and execution, budget analysis, internal controls, and fund control.
- b. *Eligibility.* This course is open to commissioned and warrant officers, noncommissioned officers, and civilians requiring training for a resource management position, who have completed subcourses FI2026, and FI2028 in a previous enrollment.
- c. *Curriculum.* 17 subcourses.
- d. *Subcourses.* FI3000, FI0921, FI0950, FI0177, FI0178, FI0752, FI0790, FI0791, FI3044, FI2038, FI3040, FI3042, FI3046, FI3048, FI3050, FI3084, FI3086.

2-106. Military Pay Introductory Finance Course (Course Number: 805A D24)

- a. *Objective.* To provide selected enlisted personnel and DOD civilians with a working knowledge of the principles of military pay and the procedures involved in computing pay and entering data into the DJMS pay system.
- b. *Eligibility.* This course is open to any military personnel or DOD civilians whose duties require this training.
- c. *Curriculum.* 13 subcourses.
- d. *Subcourses.* FI0172, FI0174, FI0175, FI0176, FI0184, FI0185, FI0186, FI0752, FI0806, FI0807, FI0808, FI0809, FI0811.

Section XIII

U.S. Army Infantry School

2-107. Infantry Field Grade Officer Refresher Training Course (Course Number: 071 Q11)

- a. *Objective.* To provide refresher training for field grade officers.
- b. *Eligibility.* Field grade officers of any branch or infantry captains who have completed the Infantry Officer Advanced Course more than 3 years ago and who require refresher training in selected subcourses.
- c. *Curriculum.* 12 subcourses.
- d. *Subcourses.* IN0801, IN0802, IN0821, IN0822, IN0800, IT0462, IT0468, IN0813, IS0823, IN0830, IN0831, IN0832.

2-108. RC Infantry Officer Advanced Course (Course Number: 071 A11)

- a. *Objective.* To prepare commissioned officers of the Reserve Component who are *not* on active duty to command at company level.
- b. *Eligibility.* RC commissioned officers of the rank first lieutenant or higher who have completed an officer basic course and whose branch is infantry or are on orders for an infantry assignment.
- c. *Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence. Must be completed before attending phase II.
 - (a) 24 subcourses.
 - (b) *Subcourses.* IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, IN0821, IN0822, IN0504, IN0764, IN0760, IS3003, IT0462, EN5485, IN0766, IN0768, IN0721, IN0753, IN0754, IN0769, IN0810, IN0531, IN0772, IN0710.
 - (2) *Phase II.* 2 weeks resident training conducted at the Infantry School.

2-109. Primary Leadership Development Preparatory Course (Course Number: 071 D21)

- a. *Objective.* To prepare soldiers in the rank of specialist/corporal and private first class for the Primary Leadership Development Course (PLDC). The resident course cannot be waived.
- b. *Eligibility.* Soldiers in the rank of specialist/corporal and private first class.
- c. *Curriculum.* 2 phases.
 - (1) *Phase I.*
 - (a) 10 subcourses.
 - (b) *Subcourses.* PD2201, PD2202, IS0345, IS1100, IS1460, IS7034, IS7035, IS7036, IS8700, IS8701.
 - (2) *Phase II.* After satisfactory completion of both phases, the student will receive a diploma from AIPD.
 - (a) 12 subcourses.
 - (b) *Subcourses.* IN0201, IN0202, IN0482, IN0487, IN0534, IN1008, IN1010, IN1012, IN1013, IN1015, IN1016, IS0788.

2-110. Basic Leadership Preparatory Course (Course Number: 071 D23)

- a. *Objective.* To provide tactical skills and knowledge required by NCOs and junior officers. Successful completion of this course and additional training will enable soldiers to function tactically as NCOs and junior officers in any branch of the U.S. Army.
- b. *Eligibility.* Warrant officers, enlisted personnel, sergeant and above (not waiverable), NG OCS candidates, and ROTC cadets.
- c. *Curriculum.* 2 phases.
 - (1) *Phase I.*
 - (a) 8 subcourses.
 - (b) *Subcourses.* IS1100, IS1460, IS3002, IS7032, IS8718, IS8719, MP1023, QM3300.
 - (2) *Phase II.* After satisfactory completion of both phases, the student will receive a diploma from AIPD.
 - (a) 10 subcourses.
 - (b) *Subcourses.* EN5480, EN5485, IN0201, IN0497, IN0500, IN0501, IN0551, IN1015, IS0788, IS7006.

2-111. RC Long-Range Surveillance Leader Course (LRSLC) (Course Number: 071 F11)

- a. *Objective.* To prepare Reserve Component personnel in the rank of PVT through CPT to attend the LRSLC resident course. RC personnel taking this course must have a need to know this information with anticipation of being assigned to a position requiring the use of these subjects.
- b. *Eligibility.* RC personnel in the rank of PVT through CPT.
- c. *Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence.
 - (a) 21 subcourses.
 - (b) *Subcourses.* IS0788, IN0484, IT0113, IT0421, IT0471, IN0551, *IT0637, IS0821, IS1143, SS0042, IT0468,

IN0800, IN0487, IS7006, IN0486, IN0494, IS3003, IN0828, IN0534, IN0535, IS4400.

Note. *Completion of IT0637 requires a stereoscope, tube magnifier or magnifying glass, and a PI scale or inch ruler/centimeter scale.

(2) *Phase II.* Resident training. See DA Pam 351-4, U.S. Army Formal Schools Catalog, for information pertaining to the resident phase.

2-112. Battalion Intelligence and Operation Sergeant's Course (Course Number: 071 F13)

- a. *Objective.* To prepare NCOs to perform the duties of a battalion intelligence and operation sergeant.
- b. *Eligibility.* NCOs in the rank of SSG through SGM. Must have completed basic or advanced refresher training or BNCOC or ANCOC.
- c. *Curriculum.* 16 subcourses.
- d. *Subcourses.* AG0101, IS3001, IS3005, IT0588, IS0788, IN0710, IS1100, IN0515, IN0813, IN0831, IN0832, IS3003, IN0534, IN0535, IN0531, IS4400.

2-113. Infantry Advanced Refresher Training Course (MOS 11B) (Course Number: 071 M50)

- a. *Objective.* To prepare personnel in MOS 11B in the rank of SSG and SFC to perform the duties and responsibilities of a platoon sergeant.
- b. *Eligibility.* SSG or SFC in MOS 11B.
- c. *Curriculum.* 21 subcourses.
- d. *Subcourses.* IN0531, IN0800, IN0551, IN0497, IN0498, IN0500, IN0501, IS7006, IN0503, IN0758, IN0515, EN0053, IN0528, IS8710, IS8718, IS8720, IS8701, IS8711, EN5480, EN5482, EN5485.

2-114. Infantry Advanced Refresher Training Course (MOS 11C) (Course Number: 071 M52)

- a. *Objective.* To prepare personnel in MOS 11C in the rank of SSG or higher to train and lead an infantry mortar platoon.
- b. *Eligibility.* SSG or higher in MOS 11C.
- c. *Curriculum.* 18 subcourses.
- d. *Subcourses.* IN0758, EN0053, IN0485, IN0531, IN0491, IS7006, IN0503, IN0500, IN0800, IN0515, IN0524, IN0525, IN0526, IN0528, IN0511, EN5480, EN5482, EN5485.

2-115. Infantry Advanced Refresher Training Course (MOS 11H) (Course Number: 071 M54)

- a. *Objective.* To prepare personnel in MOS 11H in the rank of SSG or higher to train and lead a heavy antiarmor weapons platoon.
- b. *Eligibility.* SSG or higher in MOS 11H.
- c. *Curriculum.* 18 subcourses.
- d. *Subcourses.* IN0534, IN0503, IS3003, IN0541, IN0542, IN0543, IN0551, IN0726, IN0753, IN0501, IN0754, IN1010, IS8700, IS8701, IS8710, IS8718, IS8719, IS8720.

2-116. Infantry Advanced Refresher Training Course (MOS 11M) (Course Number: 071 M56)

- a. *Objective.* To prepare personnel in MOS 11M in the rank of SSG or SFC to train and lead an infantry fighting vehicle platoon.
- b. *Eligibility.* SSG or SFC in MOS 11M.
- c. *Curriculum.* 24 subcourses.
- d. *Subcourses.* IN0503, IS3003, IN0534, IN0479, IN0539, IN0500, IN0759, IN0501, IN0540, IS8700, IS8701, IN0551, IN0528, IN0754, IS8710, IS8718, IS8719, IS8720, IN0544, IN0545, IN0499, IN0478, EN5480, EN5485.

2-117. Infantry Basic NCO Common Core Subjects (Course Number: 071 D13)

- a. *Objective.* To provide instruction to increase the technical and tactical proficiency of soldiers in the performance of basic CMF 11 tasks.
- b. *Eligibility.* SSG or below in CMF 11.
- c. *Curriculum.* 20 subcourses.
- d. *Subcourses.* IN0493, IS3003, IN0726, IN0736, IN0752, IN0766, IN0800, IS0341, IS0343, IS0344, QM3601, IS0345, IS0347, IS7035, IS1100, IS3007, IS3002, IN0534, IN0535, EN5482.

2-118. Infantry Basic Refresher Training Course (MOS 11B) (Course Number: 071 M20)

- a. *Objective.* To prepare personnel in the rank of PVT through SSG to perform the duties of an infantry squad leader.
- b. *Eligibility.* SSG and below in MOS 11B.
- c. *Curriculum.* 15 subcourses.

d. Subcourses. IN1015, IN1016, IN2021, IN2022, IN1012, IN1013, IN0511, IS0788, IN0487, IN0485, IN0493, IN1008, IN1009, IN1010, IN1014.

2-119. Infantry Basic Refresher Training Course (MOS 11C) (Course Number: 071 M22)

a. Objective. To prepare soldiers in the rank of PVT through SSG to perform the duties of an infantry mortar squad leader or fire direction center computer.

b. Eligibility. SSG and below in MOS 11C.

c. Curriculum. 16 subcourses.

d. Subcourses. IN1008, IN1009, IN1010, IN1055, IN1056, IN0485, IN0488, IN0489, IN0757, IS0788, IN0487, IN0491, IN0493, IN0524, IN0525, IN0526.

2-120. Infantry Basic Refresher Training Course (MOS 11H) (Course Number: 071 M24)

a. Objective. To prepare soldiers in the rank of PVT through SSG to perform the duties of an antiarmor weapons section leader.

b. Eligibility. SSG and below in MOS 11H.

c. Curriculum. 17 subcourses.

d. Subcourses. IN1010, IN0546, IN0547, IN1072, IN0541, IN0542, IN1008, IN1009, IN1013, IN1015, IN0487, IN0493, IS0788, IN0201, IN0202, IN0503, IN0511.

2-121. Infantry Basic Refresher Training Course (MOS 11M) (Course Number: 071 M26)

a. Objective. To prepare soldiers in the rank of PVT through SSG to perform the duties of a Bradley Fighting Vehicle (BFV) squad leader.

b. Eligibility. SSG and below in MOS 11M or 14R.

c. Curriculum. 21 subcourses.

d. Subcourses. IN1013, IN1015, IN1016, IN2021, IN2022, IN0539, IN0540, IS0788, IN0757, IN0487, IN0493, IN0503, IN0552, EN0053, IN0544, IN0545, IN1074, IN1075, IN1014, EN5480, EN5485.

2-122. TOW Unit Training Course (MOS 11H) (Course Number: 071 D15)

a. Objective. To prepare personnel to function in an antiarmor section.

b. Eligibility. Infantry branch officers and enlisted personnel in MOS 11H/19D.

c. Curriculum. 9 subcourses.

d. Subcourses. IN0547, IN0511, IN1072, IN0546, IN0534, IN0535, IN0541, IN0542, IN0543.

2-123. RC Military Observer Controller Course (Course Number: 071 F15)

a. Objective. To provide RC officers and NCOs a working knowledge and skills required to perform as observer controller.

b. Eligibility. RC officers and NCOs assigned to maneuver area commands, maneuver exercise commands, maneuver training commands, and infantry divisions.

c. Curriculum. 8 subcourses.

d. Subcourses. IS7004, FA8015, IN0822, IN0760, IN0832, IN0821, IN0831, IN0830.

Section XIV

U.S. Army Intelligence Center and Fort Huachuca

2-124. Total Army Training System (TATS) Military Intelligence Officer Transition Course (MIOTC) (Course Number: 301 T23)

a. Objective. To provide branch training and a working knowledge of the duties and responsibilities of military intelligence (MI) officers at echelons division and below through one distance learning (correspondence) phase and one resident phase. This course is a prerequisite for Reserve Component branch transfers into MI and must be completed prior to enrollment in the MI Officer Advanced Course (MIOAC). This course will assign an Area of Concentration (AOC) of 35D, Tactical All-Source Intelligence Officer.

b. Eligibility. RC commissioned officers, second lieutenant through captain, who are graduates of any officer basic course other than MIOBC who have submitted a branch transfer request to the MI branch or who require acquisition of AOC 35D for assignment purposes.

c. Security clearance. All course materials are UNCLASSIFIED. Attendance at phase II, ADT, requires a final SECRET clearance with a special background investigation packet submitted. Students should verify eligibility requirements through their unit training officer or personnel management officer.

d. Administration. Students must complete this course within 1 year of their initial enrollment date. Address request for exception to Commander, U.S. Army Intelligence Center and Fort Huachuca, ATTN: ATZS-RA, Fort Huachuca, AZ 85613-6000.

e. *Curriculum.* The course consists of two phases. Phase I is the distance learning (DL) phase. Phase II is a 2-week ADT session. Phases must be taken in sequence.

(1) *Phase I.* Distance learning (correspondence).

(a) 3 subcourses, total of 29 hours.

(b) *Subcourses.* IS3010, IS3011, IS3003.

(2) *Phase II.* ADT, resident training. 2 weeks (106.5 academic hours) of instruction presented by the 5th Bn (MI), 104th Regiment, 3rd Bde, 104th Div (IT) at Fort Huachuca, AZ.

2–125. RC Military Intelligence Career Captain’s Course (RC–MICC) (Course Number: 301 A12)

a. *Objective.* To train military intelligence (MI) officers for duties as company commander, battalion/brigade S2, and MI staff officer at division, corps and joint task level, and to manage intelligence and electronic warfare (IEW) systems.

b. *Eligibility.* Reserve Component officers, first lieutenant through major, who are graduates of the MI Officer Basic Course or the MI Officer Transition Course.

c. *Security clearance.* Phase I does not require a security clearance. Attendance at both AT/ADT resident phases of this course requires a TOP SECRET clearance. Interim Security Clearances are authorized. Students *must* verify requirement through their unit training officer or personnel management officer.

d. *Administration.* Students must complete this course within 2 years of their initial enrollment dates. A 1-year extension can be granted upon written request with justification. Address requests for extensions to Commander, U.S. Army Intelligence Center and Fort Huachuca, ATTN: ATZS–RA, Fort Huachuca, AZ 85613–6000.

e. *Curriculum.* 4 phases. Phase I is a correspondence phase that provides the prerequisite knowledge students need before they can attend phase II. This phase provides practical applications of knowledge acquired in phase I; therefore, phase I must be accomplished before phase II is taken in residency. All four phases must be taken in sequence.

(1) *Phase I.* Correspondence.

(a) 16 subcourses.

(b) *Subcourses.* IT0462, IT0421, IT0431, IT0432, IT0433, IT0503, IT0560, IT0661, IT0427, IT0478, IN0504, IT0466, IN0764, IT0565, IT0566, IT0583.

(2) *Phase II.* Resident. 2 weeks resident (120 hours) instruction.

(3) *Phase III.* Correspondence.

(a) 11 subcourses.

(b) *Subcourses.* IS3010, IS3011, IS7006, IS1801, IT0480, IT0468, IT0471, IT0464, IS3008, IT0550, IT0648.

(c) 80 hours of U.S. Army Training and Doctrine Command (TRADOC) mandated common core subjects.

(4) *Phase IV.* Resident. 2 weeks resident (112 hours) instruction at USAIC&FH, Fort Huachuca, AZ 85613–6000.

2–126. RC Imagery Exploitation Course (AOC 35C) (Course Number: 301 Q13)

a. *Objective.* To train selected Reserve Component and National Guard officers to perform the duties and responsibilities of an imagery exploitation officer.

b. *Eligibility.* RC officers, first lieutenant or above, and graduates of MI Officer Basic Course (MIOBC). Non-MIOBC graduates must be graduates of the RC MI Officer Transition Course or the RC MI Officer Advanced Course. Officers must meet selection criteria contained in applicable Army regulations. Attendance in this AOC is assignment driven, and officers must be on orders to a 35C assignment or already in a 35C position. Students must complete all 35C course phases in sequence. They must also complete all phases of this course within 2 years of phase II completion.

c. *Administration.* Students must complete this course within 3 years of their initial enrollment dates. A 1-year extension can be granted upon written request with justification. Address request for extension to Commander, U.S. Army Intelligence Center and Fort Huachuca, ATTN: ATZS–RA, Fort Huachuca, AZ 85613–6000.

d. *Curriculum.* 3 phases.

(1) *Phase I.* Correspondence.

(a) 15 subcourses.

(b) *Subcourses.* AG0622, IS0788, IT0458, IT0644, IT0646, IT0652, IT0653, IT0654, IT0661, IT0667, IT0674, IT0677, IT0678, IT0685, IT0687.

(2) *Phases II and III.* Resident. Reserve Component will attend the Active Component course at USAIC&Ft.Huachuca. For information about these courses refer to the Fort Huachuca homepage at <http://huachuca-usaic.army.mil/>. Proof of completion of correspondence phase is required prior to attending resident phases.

Note.

1. The 35G Electronic Warfare/Cryptology AOC course will attend the Active Component course at USAIC&Ft.Huachuca. The subcourse TA–103, Basic Traffic Analysis, is now required prior to RC–35G, SIGINT/EW Officer Course. TA–103 is distributed training available through your Test Control Officer from the National Security Agency, ATTN: E121L–C, Fort Meade, MD 20755–6000. Request must be made in memorandum, letter, or message format (this material cannot be ordered on DA Form 145). Call (410) 859–6618 or DSN 235–0111, FANX EXT 6618 for additional information. In addition to TA–103, a read-ahead packet

consisting of SUPR TBEDIP, 'Signals Intelligence/Electronic Warfare Reference,' available from the 5th Bn (MI), 104th Regiment, 3rd Bde, 104th Div (IT), Fort Huachuca, AZ 85613-0569, is now required. A diagnostic test on the material contained in the SUPR will be given at the beginning of the 35G course.

2. There is no specific AOC course for branch code 35D Tactical Intelligence Officer. The 35D AOC is awarded upon completion of the RC-MICC or the RC-MIOTC or MIOBC.

3. The 35E RC Counterintelligence Officer AOC consists of three phases. Phase I is an inactive duty training phase of 107 hours. Phases II and III will attend the Active Component course at USAIC&Ft.Huachuca.No correspondence subcourses are required for this AOC.

2-127. CI Familiarization Course (Course Number: 301 Q19)

a. Objective. To provide counterintelligence (CI) familiarization training to commissioned officers, warrant officers, and enlisted personnel who require a knowledge of CI in the performance of their duties.

b. Eligibility. Officers in specialty code 35 who have completed the MIOBC, warrant officers in MOS 350 (series) who have completed a warrant officer entry course, and enlisted personnel whose field is military intelligence and have completed an MI MOS-producing course.

c. Curriculum. 18 subcourses.

d. Subcourses. IT0759, IT0777, IT0753, IT0743, IT0776, IT0110, IT0771, IT0772, IT0468, IS1801, IT0425, IT0427, IT0606, IT0464, IT0466, IS3005, IT0469, IT0421.

2-128. Tactical Intelligence Familiarization Course (Course Number: 301 Q21)

a. Objective. To provide tactical intelligence familiarization training to commissioned officers, warrant officers, and enlisted personnel who require this knowledge in the performance of their duties.

b. Eligibility. Officers in specialty code 35 who have completed the MIOBC, warrant officers in MOS 350 (series) who have completed a warrant officer entry course, and enlisted personnel whose field is military intelligence and have completed an MI MOS-producing course.

c. Curriculum. 19 subcourses.

d. Subcourses. IS3001, IS3003, IS3002, IS3004, IS3005, IT0423, IT0425, IT0426, IT0427, IT0606, IT0583, IT0480, IT0421, IT0464, IT0471, IT0469, IS3007, IT0478, IS3008.

2-129. Advanced Imagery Analyst Course (96D/350D/35C) (Course Number: 301 D11)

a. Objective. To provide a course of study for the Imagery Exploitation Officer, the Imagery Intelligence Technician, and the Imagery Analyst.

b. Eligibility. Officers with a specialty code of 35C, warrant officers with MOS 350D, and enlisted personnel with MOS 96D. Special equipment is required for some of these subcourses.

c. Curriculum. 27 subcourses.

d. Subcourses. IT0651, IT0655, IT0638, IT0669, IT0670, IT0680, IT0682, IT0689, IT0688, IT0676, IT0685, IT0664, IT0637, IT0641, IT0672, IT0673, IT0674, IT0675, IT0659, IT0661, IT0677, IT0678, IT0645, IT0652, IS3008, IS3009, IT0697.

(1) Special equipment is not required for the following subcourses: IT0659, IT0677, IT0661, IT0678, IS3008, IS3009.

(2) A coordinate scale (and protractor) (GTA 5-2-12) is required for IT0641.

(3) A stereoscope, tube magnifier, or magnifying glass is required for the following subcourses: IT0637, IT0638, IT0641, IT0645, IT0651, IT0652, IT0655, IT0664, IT0669, IT0670, IT0672, IT0673, IT0675, IT0674, IT0676, IT0680, IT0682, IT0685, IT0688, IT0689.

Note. IT0637 also requires a PI scale or inch ruler/centimeter scale.

2-130. Basic Imagery Analyst Course (96D/350D/35C) (Course Number: 301 D13)

a. Objective. To provide a course of study for those newly commissioned military intelligence officers for their first imagery exploitation duty assignment. To refresh the Imagery Exploitation Officer, the Imagery Intelligence Technician, and the Imagery Analyst.

b. Eligibility. Officers with a specialty code of 35C, warrant officers with MOS 350D, and enlisted personnel with MOS 96D. Special equipment and supervisor action is required for some of these subcourses.

c. Curriculum. 18 subcourses.

d. Subcourses. IT0458, IT0658, IT0649, IT0660, IT0640, IT0644, IT0654, IT0653, IT0646, IT0643, IT0639, IT0662, IT0671, IT0665, IT0687, IT0667, IT0648, IT0696.

(1) Special equipment is not required for the following: IT0588, IT0665, IT0640, IT0667, IT0648, IT0671, IT0658, IT0687, IT0662.

(2) A stereoscope, tube magnifier, or magnifying glass is required for the following: IT0458, IT0646, IT0639, IT0649, IT0643, IT0653, IT0644, IT0654, IT0660.

- (a) IT0639 also requires rubber cement or paper glue, sandpaper, orange grease pencil, razor blade, masking tape, and cutting board. Subcourse requires supervisor approval.
- (b) IT0643 also requires rubber cement or paper glue, masking tape, cardboard for mounting, and a piece of 1/8-inch black tape. Subcourse requires supervisor approval.
- (c) IT0644 also requires a photo interpretation (PI) scale and a PI slide rule or calculator.
- (d) IT0646 also requires a PI scale, a PI slide rule or calculator, and a plotting template.

2-131. RC Military Intelligence Warrant Officer Reclassification Course (Course Number: 301 W10)

a. Objective. To reclassify USAR and ARNG Military Intelligence (MI) warrant officers to one of the following MOS: 350B (All-Source Analysis Technician), 350D (Imagery Interpretation Technician), 351B (Counterintelligence Technician), or 351E (Interrogation Technician).

b. Eligibility.

(1) USAR and ARNG MI warrant officers, not on active duty, who are assigned to MI units that have undergone or are scheduled to undergo reorganization that eliminates position requirements for their current MOS.

(2) Eligibility and justification for reclassification training must be submitted by the unit commander through the appropriate Army command to CONUSA and U.S. Army Forces Command (FORSCOM), or the state Adjutant General, to the U.S. Army Intelligence Center and Fort Huachuca, ATTN: ATZS-MI, Fort Huachuca, AZ 85613-6000. Applicants must receive a letter of approval from the Military Intelligence Proponent prior to beginning any reclassification training. This letter will indicate what training and experience must be obtained prior to receiving certification in the new MOS. Applicants should directly contact the Office of the Chief of Military Intelligence, ATZS-FD-MI, USAIC&FH, Fort Huachuca, AZ 85613-6000.

c. Curriculum. 3 phases.

(1) *Phase I.* Resident training. For reclassification into:

(a) *MOS 350B.* Completion of the MOS 96B resident enlisted AIT course at USAIC&FH, 5th Bn (MI), 104th Regiment, 3rd Bde, 104th Div (IT), Fort Huachuca, AZ, or selected USARF School.

(b) *MOS 350D.* Completion of the 96D resident enlisted AIT course at USAIC&FH, 5th Bn (MI), 104th Regiment, 3rd Bde, 104th Div (IT), Fort Huachuca, AZ, or selected USARF School.

(c) *MOS 351B.* Completion of the 97B resident enlisted AIT course at USAIC&FH, 5th Bn (MI), 104th Regiment, 3rd Bde, 104th Div (IT), Fort Huachuca, AZ, or selected USARF School.

(d) *MOS 351E.* Completion of the 97E resident enlisted AIT course at USAIC&FH, 5th Bn (MI), 104th Regiment, 3rd Bde, 104th Div (IT), Fort Huachuca, AZ, or selected USARF School. For 351E, a rating of R2/S2/L2 in one foreign language is required, as verified by a current DA Form 330 (Language Proficiency Questionnaire), dated within 1 year of application for reclassification training, and validated by a DLPT III upon the start of phase III resident training.

(2) *Phase II.* Correspondence. Warrant officers being reclassified into the Military Intelligence Branch are required to complete phase I of the RC Warrant Officer Basic Course (WOBC) or the MI WOBC Common Core in residence. RC MI warrant officers who already hold one MI MOS and are reclassifying to another MI MOS who completed this requirement as a part of their original MOS certification do not need to repeat it.

(3) *Phase III.* Completion of the 350B, 350D, 351B, or 351E Warrant Officer Technical and Tactical Certification Course, also referred to as the 'MOS Track Course.' The prerequisite for the course is the WOBC Common Core in residence or the equivalent, phase I of the RC WOBC nonresident course.

2-132. RC WOBC Military Intelligence (MOS 350D/B, 351B/E, 352C/D/G/H/J/K and 353A) (Course Number: 301 W11)

a. Objective. To train and certify RC warrant officers for appointment in military intelligence specialties 350D/B, 351B/E, 352C/D/G/H/J/K, and 353A.

b. Eligibility. Reserve Component warrant officers who have completed the Warrant Officer Candidate School at Fort Rucker, AL, or Fort McCoy, WI.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) 16 subcourses.

(b) *Subcourses.* IS3003, IS3001, IS3005, IT0421, IT0458, IT0464, IT0772, IT0468, IT0735, IT0423, IT0425, IT0427, IT0469, IT0552, IS3007, IT0583.

(c) *Additional reading:* Although not required for completion of phase II, students are encouraged to enroll in IT0480, IT0560, IT0588.

(2) *Phase II.* Completion of the appropriate Warrant Officer Technical Tactical Certification Course (WOTTCC). Table 2-3 gives details.

Table 2–3
WOTTCC resident training schedule

MOS	Course length	Location
350B	5 weeks	Fort Huachuca
350D	2 weeks, 2 days	Fort Huachuca
351B	2 weeks, 2 days	Fort Huachuca
351E	2 weeks, 4 days	Fort Huachuca

2–133. Advanced Intelligence Analyst Course (AOC 35D/MOS 350B/D/L and 96B) (Course Number: 301 D17)

- a. *Objective.* To provide training to assist personnel in improving their job knowledge and performance.
- b. *Eligibility.* Commissioned officers, warrant officers, or enlisted personnel whose primary or secondary field or assigned duty position is AOC 35D, MOS 350B/D/L, or MOS 96B.
- c. *Curriculum.* 9 subcourses.
- d. *Subcourses.* IT0478, IT0480, IT0583, IT0559, IT0560, IT0425, IT0471, IS3003, IS3007.

2–134. Basic Intelligence Analyst Course (AOC 35D/MOS 350B/D/L and 96B) (Course Number: 301 D15)

- a. *Objective.* To provide training to assist personnel in improving their job knowledge and performance.
- b. *Eligibility.* Commissioned officers, warrant officers, or enlisted personnel whose primary or secondary field or assigned duty position is AOC 35D, MOS 350B/D/L, or MOS 96B.
- c. *Curriculum.* 11 subcourses.
- d. *Subcourses.* IT0426, IT0464, IT0462, IT0565, IT0566, IT0550, IT0552, IT0423, IT0113, IS3001, IS3002.

2–135. RC Imagery Analyst Interim Total Army Training System (TATS) Course (MOS 96D10) (Course Number 301 T20)

- a. *Objective.* To provide reclassification training to Reserve Component soldiers in MOS 96D10.
- b. *Eligibility.* Reserve Component enlisted personnel in the grades E–1 through E–7 who have been recommended for training by their unit commander, who are assigned to a 96D position requiring the knowledge and skills related to the analysis and exploitation of imagery intelligence, and who meet all the requirements listed in AR 611–201.
- c. *Administration.* Both components of phase I must be completed before the student can begin phase II. To facilitate phase II inprocessing, students should bring their phase completion certificates to the resident training site.
- d. *Curriculum.* This course consists of four phases. Phases I and III are correspondence and distance learning. Phase II and IV are both 2-week resident phases.
 - (1) *Phase I.* Correspondence and distance learning.
 - (a) 8 subcourses, totaling 34 hours.
 - (b) *Subcourses.* IS3005, IT0662, IS0788, IT0644, IT0671, IT0685, IT0642, IT0641.

Note. Phase I has a paper-based distance learning component associated with it. To obtain the materials that support this component, students must request the materials through their units. Send the request to Commander, 111th Military Intelligence Brigade, ATTN: ATZS–TP (Reserve Component Cell), Fort Huachuca, AZ 85613–6000.

- (2) *Phase II.* Two weeks resident training at the 5th Battalion (MI), 104th Regiment, 3rd Brigade, 104th Division (IT), Fort Huachuca, AZ.
- (3) *Phase III.* Correspondence and distance learning.
 - (a) 2 subcourses, totaling 9 hours.
 - (b) *Subcourses.* IT0645, IT0648.

Note. Phase III also has a paper-based distance learning component associated with it. To obtain the material, refer to address in the above note.

- (4) *Phase IV.* Two weeks resident training at same location as phase II training.

2–136. Aerial Sensor Specialist Course (MOS 96H) (Course Number: 301 M11)

- a. *Objective.* To provide training to assist enlisted personnel in improving their job knowledge and performance.
- b. *Eligibility.* Enlisted personnel whose primary, secondary, or additional MOS is 96H.
- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* IS3005, IS0788, IT0626, IT0619.

2-137. Ground Surveillance Radar Systems Operator Refresher Course (MOS 96R) (Course Number: 301 M13)

a. Objective. To provide a course of study for primary and secondary MOS 96R personnel wishing to maintain or increase their job proficiency.

b. Eligibility. Enlisted personnel of the Reserve or Active Component of the U.S. Army or other Services whose primary or secondary MOS is 96R or its equivalent. Equipment: Portions of this course of study are supervised on-the-job training (SOJT) subcourses. When taking these portions of the course, you must have, or be able to obtain, access to the following equipment: 1 complete AN/PPS-5(SERIES) radar set (TM 11-5480-298-12, figs 1-1, 1-1.1, and 1-1.2); PP-4127/U battery charger (TM 11-6130-381-14, fig 1-1); multimeter TS-352B/U (TM 11-6625-366-15, fig 1-1), lensatic compass, radar surveillance card and plotter (SCAP) (GTA 30-1-22); coordinate scale and protractor (GTA 5-2-12); face shield; hard bristle nylon brush; rubber apron, rubber gloves; distilled water; and complete AN/PPS-15A(V)1 radar set (TM 11- 5480-347-13, fig 1-1 and 1-1.1). If you do not have access to this equipment, you will not be able to complete the course of study. You may request individual subcourses by number; however, you cannot complete the following subcourses unless you have access to specific equipment: IT0502, IT0507, IT0508, IT0523, IT0524, IT0525, and IT0527.

c. Curriculum. 28 subcourses.

d. Subcourses. IS0788, IS3005, IS3003, IT0471, IT0560, IT0552, IT0302, IT0462, IT0421, IS3004, IT0523, IT0508, IT0502, IT0524, IT0525, IT0527, IT0506, IT0507, IT0513, IT0515, IT0503, IT0504, IT0505, IT0509, IS8700, IT0510, IT0511, IT0514.

2-138. RC Ground Surveillance Systems Operator Total Army Training System (TATS) Course (MOS 96R10) (Course Number 301 T10)

a. Objective. To provide reclassification training to Reserve Component soldiers in MOS 96R10.

b. Eligibility. Reserve Component enlisted personnel in the grades E-1 through E-8 who meet the prerequisites outlined in AR 611-201.

c. Administration. Phases I and II must be completed before the student can begin Phase III. To facilitate Phase III inprocessing, students should bring their Phase II completion certificate to the resident training site.

d. Curriculum. This course consists of three phases. Phases I and II are distance learning phases. Phase III is a 2-week resident training phase.

(1) *Phase I.* Distance learning (Web-based instruction).

(2) *Phase II.* Distance learning (correspondence).

(a) 4 subcourses, totaling 38 hours.

(b) *Subcourses.* IS0788, IT0507, SS0754, SS0755.

Note. This phase can also be taught at a Total Army School System (TASS) Military Intelligence (MI) Battalion during Inactive Duty Training (IDT) should the student population geographically exist to support such training. Therefore, before enrolling in this phase, it is imperative that students obtain clearance to do so from the TASS MI Battalion at which they will attend resident instruction.

(3) *Phase III.* Two weeks resident training at a TASS MI Battalion.

2-139. Advanced Unmanned Aerial Vehicle (UAV) Operator Course (MOS 96U) (Course Number 301 M42)

a. Objective. To provide training for enlisted personnel in MOS 96U to improve their job knowledge and performance, and to qualify for promotion.

b. Eligibility. Enlisted personnel whose primary, secondary, or additional MOS is 96U. NCOs being assigned to battalion or higher operations sections are required to complete this course.

c. Administration. Students must complete the Basic UAV operators course before enrolling in this course. Completion of this course is a prerequisite for attendance at BNCOC.

d. Curriculum. 10 subcourses.

e. Subcourses. IT0503, IT0113, IT0557, IS3001, AV1504, AV0950, AV0568, AV0695, IS3002, IT0560.

2-140. Basic Unmanned Aerial Vehicle (UAV) Operator Course (MOS 96U) (Course Number 301 M40)

a. Objective. To provide training for enlisted personnel in MOS 96U to improve their job knowledge and performance, and to qualify for promotion.

b. Eligibility. Enlisted personnel whose primary, secondary, or additional MOS is 96U. NCOs being assigned to battalion or higher operations sections are required to complete this course.

c. Administration. Students must complete this basic course before enrolling in the Advanced UAV Operators Course.

d. Curriculum. 4 subcourses.

e. Subcourses. IT0649, OD1009, AV0567, AL9005.

2-141. Counterintelligence Agent Course (MOS 97B) (Course Number: 301 M15)

a. Objective. To provide refresher training for enlisted personnel in improving their job skills and to provide familiarization to personnel whose current duties or assignment requires a working knowledge of counterintelligence functions.

b. Eligibility. Commissioned officers, warrant officers, or enlisted personnel whose primary or secondary field or assigned duty position is AOC 35E, MOS 351E/B, or MOS 97B.

c. Curriculum. 16 subcourses.

d. Subcourses. IS3005, IT0743, IT0735, IT0771, IT0772, IT0749, IT0753, IT0759, IT0466, IT0421, IT0464, IT0468, IS3007, IT0777, IT0776, IT0110.

2-142. Human Intelligence Collector Course (MOS 97E) (Course Number: 301 M27)

a. Objective. To provide nonresident training to personnel holding MOS 97E as their primary or secondary MOS to enhance their overall job knowledge.

b. Eligibility. Commissioned officers, warrant officers, or enlisted personnel whose primary or secondary field or assigned duty position is AOC 35E, MOS 351E/B, or MOS 97E.

c. Curriculum. 21 subcourses.

d. Subcourses. IS0788, SS0002, IT0471, IT0560, IT0421, IS3001, IT0462, IS1802, IT0606, IT0598, IT0597, IT0604, IT0599, IT0601, IT0596, IT0600, IT0583, IT0425, IS8700, IT0602, IT0603.

Note. This course was formerly known as the Interrogator Course (M17).

2-143. Basic Electricity and Electronics Special Course (CMF 33) (Course Number: 301 D19)

a. Objective. To provide personnel with basic theory and problem-solving skills in electricity, electronics, and supporting mathematics.

b. Eligibility. Primarily for enlisted personnel in CMF 33 or related MOS requiring a knowledge of electricity and electronics theory. One year of high school algebra is strongly recommended.

c. Curriculum. 18 subcourses.

d. Subcourses. IT0332, IT0333, IT0334, IT0335, IT0336, IT0337, IT0338, IT0339, IT0340, IT0341, IT0342, SA0718, IT0348, IT0349, IT0350, IT0351, SA0746, IT0353.

2-144. RC IEW/Intercept Systems Repairer (MOS 33W10-RC) (Course Number: 301 M23)

a. Objective. To provide USAR personnel with training requiring this knowledge in their duties as MOS 33W10.

b. Eligibility. Enlisted soldiers of the Reserve Components who are assigned to USAR troop program units and serve as IEW systems repairers.

c. Curriculum. 27 subcourses.

d. Subcourses. SS0713, IT0332, IT0333, IT0334, IT0335, IT0336, IT0337, IT0338, IT0339, IT0340, IT0341, IT0342, IT0343, IT0344, IT0345, IT0346, IT0348, IT0349, IT0351, IT0353, MM0308, MM0309, MM0320, IS1143, MM0327, IT0302, MM0474.

2-145. Basic Cryptanalysis Course (MOS 98C) (Course Number: 301 M25)

a. Objective. To train the student in basic cryptanalysis techniques. The course materials are FOR OFFICIAL USE ONLY. The course includes intensive problem-solving exercises and examinations.

b. Eligibility. Officers with AOC 35 and warrant officers in MOS 350-series. Enlisted personnel in MOS 98C or SGTs and above in CMF 98. DOD civilian employees whose duties require training in cryptanalysis.

c. Curriculum. 3 subcourses.

d. Subcourses. IS3005, IT0310, IT0312.

2-146. Communications Interceptor/Locator Course (MOS 98H) (Course Number: 301 M33)

a. Objective. To provide the student with skills and knowledge related to communications intercept/locator operations.

b. Eligibility. Enlisted personnel in CMF 98.

c. Curriculum. 9 subcourses.

d. Subcourses. IS3005, IT0300, IT0301, IT0302, IT0303, IT0305, IT0306, IT0307, IT0309.

2-147. RC Non-Communications Interceptor/Analyst Course (MOS 98J10-RC) (Course Number: 301 M35)

a. Objective. To provide USAR enlisted personnel with the training required for award of MOS 98J10.

b. Eligibility. Enlisted soldiers of Reserve Components in CMF 98.

c. Curriculum. 5 subcourses.

d. *Subcourses.* IS3003, IS0788, IS1143, IS3005, IS3001.

2-148. Non-Morse Interceptor Analyst Course (MOS 98K) (Course Number: 301 M37)

a. *Objective.* To provide the student with skill and knowledge related to teletypewriter intercept and radio transmission activities. This course will not attempt to teach Morse code or intercept operations.

b. *Eligibility.* Enlisted personnel in CMF 98.

c. *Curriculum.* 17 subcourses.

d. *Subcourses.* IT0300, IT0469, IS3005, IS0788, IT0560, IT0552, IT0113, IS3007, IT0421, IT0464, IT0840, IT0771, IT0763, IT0841, IT0842, IT0843, IT0772.

2-149. Journeyman Signals Intelligence Analyst Course

a. *Objective.* To train junior enlisted soldiers and warrant officers in the skills and knowledges required to perform duties as a Journeyman Signals Intelligence Analyst.

b. *Eligibility.* Active and Reserve Component personnel in MOS 98C in grades specialist (SP) and SGT.

c. *Security clearance.* TOP SECRET and indoctrinated for Special Intelligence.

d. *Administration.* Students must complete the course within 2 years of their initial enrollment date. For a one-year extension, students must submit a written request with supporting justification to Commander, U.S. Army Intelligence Center and Fort Huachuca, ATTN: ATZS-RA, Fort Huachuca, AZ 85613-6000.

e. *Curriculum.* Three modules, nine subcourses. Module 1 provides journeyman-level multi-mode analytic skills and knowledges. Module 2 builds apprentice-level skills associated with collective management at strategic and tactical echelons. Although not required, it is recommended that students complete Module 1 and Module 2 before starting Module 3.

(1) *Module 1. Analysis,* 5 subcourses: EA030 National Cryptologic School (NCS), IT001 (NCS), ND170 (NCS), TA090 (NCS), FA6173.

(2) *Module 2. Reporting,* 2 subcourses: IS11F (NCS), TA181 (NCS).

(3) *Module 3. Collection Management,* 2 subcourses: TM101 (NCS), IT0560.

f. *How to enroll.* Students must enroll in ATRRS. To obtain subcourses FA6173 and IT0560, enroll electronically through AIPD's Web site. Request National Cryptologic School courses through the unit Test Control Officer from one of the following addresses. Mail: S331 IL-C, National Security Agency, 9800 Savage Road STE 6804, Fort Meade, MD 20755-6804; Message: NSA/CSS/S33IIL-C INFO (Appropriate Command HQ); e-mail: E124FLD@NSA.

2-150. Master Signals Intelligence Analyst Course

a. *Objective.* To train NCOs and warrant officers in the skills and knowledges required to perform duties as a Master Signals Intelligence Analyst.

b. *Eligibility.* Active and Reserve Component personnel in MOS 98C, grades SSG and SFC, and MOS 352C warrant officers in grades WO1 and CW2.

c. *Security clearance.* TOP SECRET and indoctrinated for Special Intelligence.

d. *Administration.* Students must complete the course within 2 years of their enrollment date. For a one-year extension, students must submit a written justification to Commander, U.S. Army Intelligence Center and Fort Huachuca, ATTN: ATZS-RA, Fort Huachuca, AZ 85613-6000.

e. *Curriculum.* Three modules, six subcourses. Module 1 expands the master-level knowledge required to conduct network analysis and support information operations. Module 2 trains the skills and knowledge needed to develop competent reports capable of effectively communicating intelligence. Module 3 provides the master-level management skills needed to successfully execute collection management in a dynamic operational environment.

(1) *Module 1. Analysis,* 2 subcourses: EA190 (National Cryptologic School (NCS)), GN101 (NCS).

(2) *Module 2. Reporting,* 2 subcourses: MG384 (NCS), TM203 (NCS).

(3) *Module 3. Collection Management,* 2 subcourses: MG383 (NCS), TM203 (NCS).

f. *How to enroll.* Students must enroll in ATRRS and request National Cryptologic School courses through their unit Test Control Officer from one of the following addresses. Mail: S331 IL-C, National Security Agency, 9800 Savage Road STE 6804, Fort Meade, MD 20755-6804; Message: NSA/CSS/S33IIL-C INFO (Appropriate Command HQ); e-mail: E124FLD@NSA.

Section XV

The Judge Advocate General's School

2-151. Equivalent and constructive credit

a. Equivalent credit for specific subcourses will be granted upon successful completion of essentially the same instruction at another institution or as part of another correspondence course. The equivalent instruction must have been completed not more than 4 years prior to enrollment in the course for which the student wishes to apply the equivalent credit.

b. Resident credit for each of the subcourses listed below is given for completion of the resident courses shown.

Table 2–4
Resident courses at the Judge Advocate General’s School

Resident course	Equivalent credit for subcourse
Contract Attorneys Course	JA0012 and JA0112
Federal Labor Relations Course	JA0023, JAA125, and JAB125
Legal Assistance Course	JA0026 and JA0129
Administrative Law for Military Installations	JA0124, JA0126, and JA0127
Law of War Workshop	JA0142

c. There will be no equivalent credit granted for writing exercises.

d. Awards of resident credit for resident courses will apply toward the annual enrollment requirements for the enrollment year in which the award is made. Awards of constructive and equivalent credit do not count toward annual credit hour requirements.

e. Written applications for constructive or equivalent credit may be submitted to: Commandant, The Judge Advocate General’s School, U.S. Army, ATTN: JAGS–ODC, Charlottesville, VA 22903–1781.

2–152. Reserve Component Judge Advocate Officer Basic Course (55A) (Course Number: 181 B11)

a. *Scope.* This course provides basic branch orientation and training for Reserve Component officers who have received a commission in the Judge Advocate General’s Corps without concurrent orders to active duty. The course serves as a branch qualification course for Reserve Component officers.

b. *Prerequisites.* Attorneys who have been appointed in a Reserve Component to the Judge Advocate General’s Corps. A copy of the appointment must accompany the request for enrollment.

c. *Academic requirements.* Students must complete the entire correspondence course within 2 years of enrollment.

d. *Curriculum.* Two phases.

(1) *Phase I. Resident Military Instruction.* Phase I is conducted as a resident military orientation course at Fort Lee, Virginia. Officers appointed as Reserve Component judge advocates normally complete this 2-week program as their first Annual Training after receiving their appointment. Before a diploma will be issued for completion of the Basic Correspondence Course, students must furnish proof of completion of phase I or receive equivalent credit (for example, by previously completing another branch basic course).

(2) *Phase II. Nonresident Legal Military Subjects.*

(a) 11 subcourses.

(b) *Subcourses.* JA0002, JA0012, JA0020, JA0021, JA0022, JA0023, JA0025, JA0026, JA0036, JA0043, JA0058.

2–153. Reserve Component Judge Advocate Officer Advanced Course (55A) (Course Number: 181 A11)

a. *Scope.* This course provides a working knowledge of the duties and responsibilities of field grade Judge Advocate General’s Corps officers. This course was completely revised effective 1 October 1992. A 2-week resident phase (phase II) is now required.

b. *Prerequisites.* Individuals who—

(1) are commissioned officers assigned to the Judge Advocate General’s Corps (or another Service’s equivalent legal branch), and

(2) have completed or received credit for the Judge Advocate Officer Basic Course (or another Service’s equivalent course). Active duty Army judge advocates must obtain approval of the Personnel, Plans, and Training Office, OTJAG, before enrolling in the Judge Advocate Officer Advanced Course (JAOAC).

c. *Academic requirements.* Students must complete a minimum of 60 credit hours each enrollment year and must complete the entire correspondence course within 2 years. Students must complete phase I before they are eligible to attend phase II.

d. *Curriculum.* Two phases.

(1) *Phase IA. Nonresident Legal Subjects.*

(a) 20 subcourses.

(b) *Subcourses.* JA0112, JA0121, JA0122, JA0123, JA0124, JAA125, JAB125, JA0126, JA0127, JA0128, JA0129, JA0130, JA0131, JA0132, JA0133, JA0134, JA0135, JA0137, JA0142, JA0151.

(2) *Phase IB. Nonresident Military (Common Core) Subjects.*

(a) 4 subcourses.

(b) *Subcourses.* IS7006, IS7038, IS7045, IS8720.

(3) *Phase II. Resident Legal Military Instruction.* Phase II is a 2-week resident course of instruction at The Judge Advocate General’s School, and will further develop and apply the knowledge learned in phase I. Officers appointed as Reserve Component judge advocates normally complete this program as their Annual Training. 84 credit hours.

2-154. Army Legal Administrators Pre-Appointment Course (MOS 71D) (Course Number: 181 M10)

- a. Scope.* This course prepares legal noncommissioned officers for appointment as legal administrators.
- b. Prerequisites.* Military personnel in the rank of SPC(P) or above who have a primary MOS of 71D or equivalent specialties. Civilian employees and other military personnel who meet the minimum grade requirements and are working in a military legal office are also eligible to enroll.
- c. Academic requirements.* Students must complete a minimum of 60 credit hours each enrollment year and must complete the entire course in 2 years.
- d. Curriculum.* 15 subcourses.
- e. Subcourses.* AG0516, FI2026, FI2028, FI3046, IS0103, IS3005, IS7008, IT0110, JA0002, JA0012, JA0023, JA0043, JA0058, JAA125, JAA151.

2-155. Pre-Advanced Noncommissioned Officer Course (MOS 71D) (Course Number: 181 M30)

- a. Scope.* This course prepares Army personnel to perform duties as senior legal noncommissioned officers in a paralegal capacity. The course provides mandatory prerequisite nonresident instruction for attendance at the resident phase of the Advanced Noncommissioned Officer Course.
- b. Prerequisites.* Military personnel must have completed resident 71D Basic Noncommissioned Officer Course.
- c. Academic requirements.* Students must complete the entire course within 1 year of enrollment.
- d. Curriculum.* 6 subcourses.
- e. Subcourses.* IS1801, IS7006, IS7036, IS7038, JA0133, JAA151.

2-156. Pre-Basic Noncommissioned Officer Course (MOS 71D) (Course Number: 181 M20)

- a. Scope.* This course prepares Army personnel to perform duties as legal noncommissioned officers in a paralegal capacity. The course provides mandatory prerequisite nonresident instruction for attendance at the resident phase of the Basic Noncommissioned Officer Course.
- b. Prerequisites.* Student must have completed 71D AIT.
- c. Academic requirements.* Students must complete the entire course within 1 year of enrollment.
- d. Curriculum.* 7 subcourses.
- e. Subcourses.* IS7034, IS7035, IS1460, JA0026, JA0030, JA0058, JAE161.

2-157. Phase I Reserve Component Advanced Individual Training Course (MOS 71D)

- a. Scope.* This course serves as the first phase of MOS qualification for Reserve Component soldiers reclassifying into MOS 71D)
- b. Prerequisites.* Soldiers must be non-promotable SSG (E6) or below and must meet all other prerequisites as stated in AR 611-201. Upon arrival at the resident phase II, soldiers will be administered a typing test. Soldiers must type 30 net words per minute to enter phase II. Failure to meet the typing requirement will result in disenrollment from phase II.
- c. Academic requirements.* This course is now offered as a web based course. Go to the JAGCNet web site at <http://www.jagcnet.army.mil/>. Select JAG University from the menu. At the next screen select new registration. Complete the registration. You will receive verification of enrollment via email. You then access JAG University using your user name and password. Select Education Center from the menu and then select Legal Specialist Courseware. At the next screen select Legal Specialist Advanced Individual Training Course (Phase I).
- d. Curriculum.* 7 subcourses.
- e. Subcourses.* JA202, JA306, JA307, JA308, JA309, JA310, JA902.

Section XVI

U.S. Army Logistics Management College

2-158. General

- a. Purpose.* The U.S. Army Logistics Management College (ALMC) correspondence courses are designed to develop management skills in individuals with current or potential assignment to positions of responsibility in the Department of Defense (DOD) logistics systems. For a complete list of ALMC courses and descriptions, visit the ALMC Web site at www.almc.army.mil.
- b. Enrollment prerequisites.* You must meet specific prerequisites shown in the course synopses. If you are from a non-DOD federal agency or private industry, you must attach a check or money order to your application and send it to: Cmdt, USA Logistics Management College, ATTN: ATCL-RQA, 2401 Quarters Rd, Ft Lee VA 23801-1705. Payment should be made to the Treasurer of the United States. The current charge is \$40.00 per equivalent day and is subject to change. Equivalent day is defined as: credit hours per subcourse divided by 8 hrs=equivalent day (e.g. 110 credit hours/8=13.75x\$40.00=\$550.00 tuition). The ALMC Budget point of contact can be reached at DSN 539-4105 or (804)765-4105.
- c. Recommended college credit.* The American Council on Education (ACE) has examined ALMC correspondence

courses and has recommended undergraduate and graduate-level credit which may be granted by civilian educational institutions. When applicable, the number of recommended semester hours of credit is given under the course description. A transcript of courses you have completed will be forwarded to civilian institutions upon your request. Requests must be in writing and sent to the Army Institute for Professional Development, U.S. Army Training Support Center, ATTN; ATIC IPS Student Services, Wilson Dr, Building 3306, Newport News, VA 23628-0001.

d. Testing for ALMC courses. Tests are administered in two ways. Some courses contain exams and answer sheets; these tests do not require a test monitor and you may take them after you finish studying the course materials. Other courses that do not include test materials require you to designate a Test Control Officer (TCO) to administer the exam. This person should be an education center TCO whenever possible. Those individuals who do not have access to an education center may request an exception to policy and name a commissioned officer of a higher rank than the student to act as TCO. Your exam will be mailed to the TCO. You should contact your TCO for an appointment to take the exam. Depending on the course, you may have from 2 to 8 hours to complete the exam.

e. Failing scores. If you are enrolled in a single-subcourse or a course with multiple-subcourses and your examination score for subcourse is less than 70 percent, you will be allowed to retest after waiting 30 days. Credit hours are earned only when examination scores are 70 percent or above. After retesting, if your score remains less than 70 percent, your enrollment will be cancelled and you must wait 3 months to reenroll.

f. Completion of course. You will be sent a computer generated certificate when you complete a course consisting of only one subcourse. For courses containing multiple subcourses, you will be issued a diploma or certificate.

2-159. Army Maintenance Management Course (Course Number: 907 D21)

a. Objective/Scope. To provide students with knowledge of AMC maintenance development and support role as an integral part of the Army logistics system. It addresses the relationship of maintenance to other logistic functions, the development and satisfaction of materiel requirements, maintenance engineering, and maintenance operations.

b. Eligibility. Nominees should be SSG-SGM, WO1-CW4, 2LT-LTC, or GS-7 or above. Commissioned and Warrant Officers should have 2 years of active duty remaining after course completion, and should be assigned, or on orders, to a position requiring knowledge of the Army maintenance management responsibilities. Civilians should hold, or anticipate holding, positions requiring knowledge of Army maintenance management responsibilities, and should have, or demonstrate potential for, supervisory duties.

c. Curriculum. 2 subcourses. LM0048 (52 credit hours) and LM0049 (55 credit hours).

d. Course length. 1 year.

e. Recommended academic credit. 4 semester hours undergraduate.

2-160. Associate Logistics Executive Development Course (Course Number: 907 D25)

a. Objective/Scope. The ALEDC serves as the Army's senior logistics course for Reserve Component officers, active duty military, and civilian managers, preparing them for executive and policy-making mobilization assignments. The course provides insights into the multifunctional areas of logistics and their integration within DOD. Students gain a fuller understanding of the interface between the Army in the field, DOD's logistics structure, and industry. The course expands and enhances fundamental management skills. Course completion meets officer education requirements and qualifies an RC officer for promotion to lieutenant colonel as stipulated in AR 135-155.

b. Eligibility. This course is open to active duty military, civilian, and reserve component officers as outlined below:

(1) *Military Active Duty.* CPT or above; must have not less than 8 years and not more than 15 years of commissioned service. Must have an MOS/specialty requirement of 15D, 51A, 53A, MSC 70 series, 88, 90, 91, 92, or 97A. U.S. Army officers must have completed or been awarded constructive credit for branch career courses and must have 3 years of anticipated active duty service remaining after completion of the course.

(2) *Civilians.* Civilian personnel must have career status, GS-11 or above, with at least 5 years cumulative experience in military logistics, or closely related industrial experience and anticipate at least 5 years of service remaining after course completion.

(3) *Reserve Component.* Reserve Component officers who have a primary or secondary specialty code in the logistics field, have reached the grade of CPT or above, and have completed the Branch Officer Advanced Course. Completion of CGSOC is desirable. Nominees must be able to complete the course with at least 3 years service remaining before their basic date of mandatory removal and must meet height and weight standards listed in AR 600-9. Reserve Component officers should contact their respective professional management officers for enrollment procedures.

(4) *Warrant Officers.* Warrant Officers must be W2(P), must have completed the Warrant Officer Advanced Course, must not exceed 22 years active WO service, and must have a bachelor's degree.

c. Curriculum. 5 phases. A student must pass all five phases of ALEDC to be awarded a diploma.

(1) *Phase I, Theater Combat Logistics Part I.* 1 subcourse, LM0270 (86 credit hours). Students should note that CSS Field Manuals for this subcourse will be issued on CD-ROM. This phase is designed to provide senior captains and field grade officers in multifunctional CSS positions with the background knowledge to arm, fuel, fix, move, protect, and sustain soldiers and their systems in combat. Phase I is a prerequisite to phase V. Students who have

successfully completed the Reserve Components Multifunctional Cobat Service Support Course (RCMCSS) must request a waiver of ALEDC Phase 1.

Note. Phase I and RCMCSS satisfy educational prerequisites for awarding FA 90A. See DA Pam 600-3 for additional information.

(2) *Phase II, Acquisition Process.* 1 subcourse, LM0272 (72 credit hours). The life cycle model is the common denominator for all subjects in this phase. This phase introduces the student to requirements generation acquisition logistics planning, research and development, testing, project management, acquisition and contract management.

(3) *Phase III, Materiel Readiness.* 2 subcourses, LM0074 (51 credit hours) and LM0075 (44 credit hours). This phase provides an understanding of requirements determination for and management of major and secondary items and the relationship and significance of maintenance, transportation, distribution, and disposal.

(4) *Phase IV, Decision Sciences.* 1 subcourse, LM0140 (180 credit hours). (You must return the commercial text received with this subcourse before you can be issued a phase completion notice.) This phase provides a general knowledge of economics, statistics, and operations research, with applications to logistics-related problems. Due to the difficulty of this phase, it should be taken in residence if possible.

(5) *Phase V, Theater Combat Logistics Part II.* 1 subcourse, LM0278 (80 credit hours). Students should note that CSS Field Manuals for this subcourse will be issued on CD-ROM. This phase builds upon the knowledge gained in phase I. It takes the student through mobilization, deployment, and redeployment associated with Corps and Theater contingency operation. Completion of phase I or RCMCSS is required for enrollment in phase V.

d. Course length. Students are required to complete the ALEDC program in a 4-year timeframe. Disenrollment will be automatic at the end of the fourth year, and students then will be required to re-enroll in the entire program. ALEDC consists of five phases.

e. Recommended academic credit. 14 semester hours undergraduate; 3 semester hours graduate. Note that in addition to the stated ACE recommendation of academic credit, the Florida Institute of Technology and ALMC are preparing an MOU to identify graduate credit that would be awarded for successful completion of some resident ALEDC phases. A total of 6-9 hours being discussed.

f. Failing scores.

- (1) Students must pass (with a grade of 70 percent or better) all phases and subcourses within a phase of ALEDC.
- (2) Students will be allowed to retest twice on any phase or sub-course of a phase failed. Failure to pass after original and two retests will result in disenrollment from the phase.
- (3) Students disenrolled due to phase or sub-course failure must wait 3 months before applying for reenrollment.
- (4) Upon reenrollment, credit *may be* granted for any ALEDC phase(s) successfully completed. The award of this credit will be made after an evaluation of the student's records.

2-161. Defense Hazardous Materials/Waste Handling Course (Course Number: 907 D17)

a. Objective/Scope. To provide students with the knowledge to identify and classify hazardous materials and hazardous wastes; covers health effects and personal safety; packaging, labeling, handling, storage, and transportation procedures; contingency planning and release responses; and hazardous materials and hazardous waste laws, regulations, and policies.

b. Eligibility. Nominees must be military or civilian personnel (or supervisors of personnel) who package, handle, store, transport, or manage hazardous materials or wastes.

c. Curriculum. 1 subcourse, LM0045 (24 credit hours).

d. Course length. 6 months.

2-162. Defense Reutilization and Marketing System—an Introduction (Course Number: 907 D15)

a. Objective/Scope. To provide students an overview of the DOD Reutilization and Marketing System. Emphasis is placed upon the organization and policies and procedures established to obtain program objectives. Primary areas of study include excess turn-in procedures and the reutilization screening and withdrawal process. The course also covers other special programs including demilitarization, precious metals recovery, environmental concerns, donation and marketing of surplus personal property.

b. Eligibility. Open to anyone eligible for enrollment in the Army Correspondence Course Program.

c. Curriculum. 1 subcourse, LM0080 (20 credit hours).

d. Course length. 6 months.

2-163. Defense Distribution Management Course (Course Number: 907 D23)

a. Objective/Scope. To provide students with knowledge of management and operational aspects of the DOD wholesale supply and distribution systems, with emphasis on the major depot functions of receipt, storage, care, distribution, and control of materiel. The relationship of these functions to other logistical functions is considered for application to, and association with, the integrated wholesale logistics system.

b. Eligibility. Enlisted, E5(P) or above, and officers and warrant officers having 2 years of active duty remaining after course completion (reservists must have 2 years remaining before reaching their mandatory removal date after

course completion); they should presently be in, or on orders to, a position requiring knowledge of wholesale supply and distribution management. Civilians should be WG-5 or above or GS-7 or above assigned or anticipating assignment within the logistics management field requiring a knowledge of wholesale supply and distribution management and having supervisory or demonstrated potential for supervisory responsibility. Management trainees should anticipate having 1 year of government service remaining after completing this course; this is applicable to interns assigned to depots regardless of career field.

c. Curriculum. 2 subcourses, LM0034 (79 credit hours) and LM0035 (79 credit hours).

d. Course length. 1 year.

e. Recommended academic credit. 4 semester hours undergraduate.

2-164. Introduction to Defense Financial Management (Course Number: 907 D11)

a. Objective/Scope. To increase the managerial skills and efficiency of DOD personnel by providing an overview of financial systems, statutory controls, and programs. This course encompasses defense financial systems and controls to include: financial laws; Planning, Programming, and Budgeting System; defense appropriations; working capital funds; review and analysis; accounting; audit; and productivity programs.

b. Eligibility. Commissioned officers; warrant officers; NCOs, SSG and above; and civilians, GS-7 and above. Waiver requests will be considered on a case-by-case basis.

c. Curriculum. 1 subcourse, LM0002 (40 credit hours).

d. Course length. 6 months.

2-165. Introduction to Operations Research Systems Analysis Course (Course Number: 907 D13)

Two textbooks must be purchased or provided by the student's organization prior to acceptance into the course. Please visit ALMC's Web page at <http://www.almc.army.mil> or call AIPD at (804) 757-878-2169/3335 for textbook titles.

a. Objective/Scope. To provide students an overview of the quantitative methodologies used in analysis. The course contains an introduction to probability theory, descriptive statistics, confidence intervals, hypothesis testing, and regression analysis that are the basic statistical tools used to analyze data. The Operations Research techniques discussed include math programming, queuing theory, inventory theory, simulation and decision analysis. Attention is focused on understanding the assumptions, power, and limitations of the various ORSA tools and models available to the analyst.

b. Eligibility. Nominees should be commissioned officers, warrant officers, enlisted personnel SGT or higher, or civilians in grades GS-7 or higher. A statement indicating possession of the required textbooks must accompany the application.

c. Curriculum. 1 subcourse, LM0046 (80 credit hours).

d. Course length. 1 year.

e. Recommended academic credit. 2 semester hours undergraduate credit.

2-166. Logistics Management Development Course (Course Number: 907 D19)

a. Objective/Scope. To provide students an overview of the Army logistics system. The life-cycle management model is the common thread of the course and is used to highlight the more significant considerations of research, development, test and evaluation, procurement, inventory management, maintenance, and disposal of Army materiel. Instruction is oriented toward improving the decision-making abilities of the students by providing knowledge of the techniques and considerations involved in logistics management.

b. Eligibility. Military personnel should be commissioned or warrant officers who have completed or are enrolled in a branch career course. Senior NCOs (E5(P)-E9) are eligible. Civilians should be GS-7 or above with functional experience in the logistics management, data processing, or financial management fields and should have completed one functional course in that field. Waivers will be considered for personnel in training programs that lead to logistics assignments.

c. Curriculum. 3 subcourses, LM0052 (52 credit hours), LM0053 (55 credit hours), and LM0054 (36 credit hours).

d. Course length. 1 year.

e. Recommended academic credit. 4 semester hours undergraduate.

2-167. Support Operations Course (Phase I) (Course Number: 907 F23)

a. Objective/Scope. To provide students with an overview of tactical logistics in the combat zone with a concentration on the support requirements for a brigade combat team from corps and divisional support units. Phase I presents Army doctrine on the key combat service support sustainment imperatives which includes supply, maintenance, transportation and combat health support operations. Phase I also includes a chapter on Force XXI logistics operations. Phase I is designed to bring students to a common level of understanding before phase II (resident only) challenges them to integrate what they have learned to develop logistical support plans for a tactical scenario at the forward, main, and corps support battalion levels.

b. Eligibility. Warrant officers or officers, 1LT(P) or above. NCO nominees must be SFC or above and be graduates of ANCOC.

c. Curriculum.

(1) *Phase I.* Phase I is correspondence via the Internet. It consists of one subcourse, LM0026 (40 credit hours). Phase I must be completed before attending phase II.

(2) *Phase II.* Phase II is a 2-week resident course. It is also offered on site to locations that have ten or more people requesting phase II.

d. Course Length. Students enrolled in phase I have 6 months to complete the phase. It is recommended that students complete SOC Phase I within 2 years of attendance at SOC Phase II to ensure currency with emerging tactical logistics doctrine.

Section XVII

School of Military Packaging Technology

2-168. Administrative information

a. Introduction. The correspondence course program of the School of Military Packaging Technology (SMPT) is designed to parallel, insofar as practicable, the resident courses offered by the School at Aberdeen Proving Ground, MD. The correspondence courses offered will enable individuals who are denied the opportunity to attend the resident courses to further their education in the increasingly important field of military preservation and packing. Any questions or comments related to the technical content of the SMPT correspondence course program should be addressed to the following: Dean, School of Military Packaging Technology, ATTN: ATSL-MPT, 360 Lanyard Road, Aberdeen Proving Ground, MD 21005-5003. Telephone number is (410) 278-4970 or DSN 298-4970/4770.

b. Return of texts and materials. Some of the texts and materials furnished to correspondence course students are provided on a loan basis and must be returned before a record of training will be issued. These items are identified by the word 'loaned' on the cover sheet.

2-169. Packaging and Handling of Electrostatic Discharge Sensitive (ESDS) Items Course (Course Number: 908 F60)

a. Curriculum. Subcourse PT6000. Five lessons and exam; 7 credit hours.

b. Scope. This course consists of such subjects as the basic theory of static electricity, the triboelectric effect, electromagnetic induction, definitions, isolating the ESD work area, ESD measures, protective materials and equipment, correct procedures for handling static sensitive components, protective packaging, and ESDS marking and labeling.

2-170. Defense Basic Preservation and Packing Course (Course Number: 908 F13)

a. Curriculum. Subcourse PT1300. Twenty-two lessons and exam; 64 credit hours.

b. Scope. This course is oriented toward DOD packaging policies, specifications and standards, cleaning and drying, preservation, cushioning and blocking, packing for shipment, marking, unit pack construction and unitization of cargo.

2-171. Defense Marking for Shipment and Storage Course (Course Number: 908 F32)

a. Curriculum. Subcourse PT3200. Eleven lessons and exam; 24 credit hours.

b. Scope. An overview is given of the DOD Logistic Systems along with general and detailed marking requirements of MIL-STD-129 and MIL-HDBK-129. Written practical exercises and a final examination are required.

2-172. Defense Packaging Data Systems Course (Course Number: 908 F40)

a. Curriculum. Subcourse PT4000. Eight lessons and exam; 16 credit hours.

b. Scope. Unavailable at time of publication. Refer to chapter 3 alphabetical listing to review PT4000 synopsis.

2-173. Hazardous Materials Handling Course (Course Number: 908 F50)

a. Curriculum. Subcourse PT5000. Five lessons and exam; 7 credit hours.

b. Scope. This course will address the following topics: recognition of material handling markings; recognition of hazard class labels and the results that may happen if a hazardous material is accidentally released; segregation of various classes of hazards according to the published compatibility charts for loading in trucks, rail cars, and aircraft; emergency measures in case of minor incidents; and the recognition and proper disposition of damaged hazardous material containers.

Section XVIII

U.S. Army Military Police School

2-174. Advanced Military Police Branch Orientation Course (Course Number: 191 Q11)

a. Objective. To provide the non-MP officer who has completed an officer advanced course other than MP with sufficient training to qualify for an assignment as an MP officer.

b. Eligibility. Commissioned officers of any branch of the Army who are assigned to the MP Corps, or whose duties require a working knowledge of MP subjects, and who have completed an officer advanced course other than military police. (Members of other military services must include their specialty code when enrolling.)

c. Curriculum. 21 subcourses.

d. Subcourses. MP2002, MP1026, MP2011, MP1000, MP1001, MP1002, MP1003, MP1004, MP1005, MP1018, MP2000, MP2001, MP2003, MP2004, MP2005, MP2007, MP1020, MP1021, MP1019, MP2008, MP2009.

2-175. Basic Military Police Branch Orientation Course (Course Number: 191 Q13)

a. Objective. To provide non-MP lieutenants sufficient training to qualify for an assignment as an MP officer.

b. Eligibility. Commissioned officers of any branch of the Army who are assigned to the MP Corps, or whose duties require a working knowledge of MP subjects, and who have completed a basic officer course other than MP and who have not completed an OAC. (Members of other military services must include their specialty code when enrolling.)

c. Curriculum. 28 subcourses.

d. Subcourses. MP2011, MP2008, MP1020, MP1000, MP1001, MP1002, MP1003, MP1004, MP1005, MP1017, MP1018, MP2001, MP2002, MP2003, MP2005, MP2007, MP1021, MP1019, MP1023, MP2006, MP2010, MP2009, MP1006, MP1028, MP1029, MP1030, MP1031, MP1032.

2-176. CID Warrant Officer Refresher Course (Course Number: 191 W11)

a. Objective. This course is designed to provide refresher training for CID warrant officers.

b. Eligibility. Active and Reserve Component warrant officers with the MOS 311A.

c. Curriculum. 16 subcourses.

d. Subcourses. AG0010, IS1460, IS0103, EN5309, FA4202, FI0934, SS0002, EN5480, EN5485, IN0497, IS0788, IS1801, IS1804, IT0671, MP2010, SA0718.

2-177. Enemy Prisoner of War/Civilian Internee Refresher Course (Course Number: 191 D11)

a. Objective. To provide CMF 95 personnel with refresher training in Enemy Prisoner of War/Civilian Internee (EPW/CI).

b. Eligibility. Primarily for those reserve component 95C personnel who are, or will be, assigned to an Internment/Resettlement unit and require refresher training in EPW Operations. Other MOSs in CMF 95 may enroll as their missions dictate.

c. Curriculum. 2 subcourses.

d. Subcourses. MP1032, MP2011.

2-178. Advanced NCO Refresher Course (MOS 95B) (Course Number: 191 M11)

a. Objective. To provide selected SSGs and above with the technical, tactical, and leadership qualities necessary to be successful in Army operations as platoon sergeants and operations sergeants. Completion of this course does not satisfy Noncommissioned Officer Education System training requirements.

b. Eligibility. SSG and above qualified in CMF 95 who have completed BNCOC. Grade is not waiverable. (Members of other military services must include their specialty code when enrolling.)

c. Curriculum. 37 subcourses.

d. Subcourses. IS1460, IS1203, IS1703, IS1705, IS1801, IS1802, IS0788, IN0710, IN0515, IN0498, IN0500, IN0501, IN0497, IN0499, IN0511, IS1100, FA4202, IS0347, CM1203, CM1301, MP1005, MP1017, MP1018, MP1019, MP1020, MP1021, MP1022, MP1023, MP1028, MP1029, MP1030, MP1031, MP1032, MP1033, MP2007, EN5621, EN5700.

2-179. Basic NCO Refresher Course (CMF 95) (Course Number: 191 M15)

a. Objective. To provide selected specialists with the technical, tactical, and leadership qualities necessary to be successful in Army operations as a squad leader or a team leader in the MOS 95B/C/D.

b. Eligibility. Specialist, SGT, or SSG qualified in CMF 95. Specialists must provide proof of PLDC completion. (Members of other military services must include their specialty code when enrolling.)

c. Curriculum. 21 subcourses.

d. Subcourses. IS7034, IS7035, IS8700, IS8701, IS8711, IS8710, IS3003, IS1802, MP1005, MP1006, MP1007, MP1008, IS0347, AG0619, IS1460, IS0345, IS1703, IS1705, IN0710, IN0515, IS7036.

2-180. Internment/Resettlement Specialist Course (Conversion) (Course Number: 191 M31)

a. Objective. To provide military police officers and enlisted personnel with general knowledge of duties performed by the corrections specialist in a correctional/confinement facility. The duties of the corrections specialist includes custody and control procedures, prisoner administration services, and the Army Corrections System. Completion of this course does not satisfy training requirements for award of MOS 95C (IAW DA Pam 611-201). This course is for 95B soldiers in the rank of E8 and above, in EPW/CI or Confinement Units, whose unit is being converted to an Internment/Resettlement (I/R) unit. You will be 'grandfathered' into the MOS 95C after you have completed the following:

(1) Successfully complete this course and receive your certificate (surface mail only from the Army Training Support Center).

(2) Present your certificate to a TASS battalion and take the proctored exit exam.

(3) Successfully complete the exam and receive your diploma certifying that you have completed all required training.

(4) Submit a copy of the diploma and a DA Form 4187 (Personnel Action) to your serving MILPO for the awarding of the MOS 95C.

b. Eligibility. Members of the Armed Forces (Active and Reserve Components) and DOD civilians who desire a knowledge of corrections.

c. Curriculum. 3 subcourses.

d. Subcourses. MP1025, MP1026, MP1027.

2-181. RC Apprentice Criminal Investigation Division (CID) Special Agent Course (MOS 95D) (Course Number: 191 M21)

a. Objective. To provide selected personnel with a working knowledge of the investigation of crimes believed to have been committed by or against individuals subject to U.S. military jurisdiction or crimes involving U.S. military property.

b. Eligibility. In order to complete all four phases of the course, a student must be an enlisted member of an RC unit, not on extended active duty, whose assignment is to a CID special agent position in a Reserve or National Guard CID unit. Must have been declared eligible for acceptance into the CID Program by the Commander, USACIDC, per AR 135-51 and AR 195-3. Must provide proof of acceptance with application. (Members of other military services must have written approval from the U.S. Army Military Policy School to enroll in this course.)

c. Administration.

(1) Students attending the resident phases of the course must present proof of completion of the applicable correspondence phases before reporting for the resident phase. Students must complete phase I before attending phase II, and phase III before attending phase IV.

(2) Students will be issued a phase completion notice upon completing phases I and III. A course completion notice cannot be earned by completing the correspondence phases.

(3) Employees of U.S. Government, military or civilians, whose duties require a working knowledge of criminal investigation methods and procedures may enroll in individual subcourses. To enroll in MP1009 through MP1015, applicants will submit DA Form 145 and a memorandum signed by their commander, provost marshal, chief of security, or similar authority stating specific duties requiring knowledge of CID method and procedures. Enrollment strictly for career enhancement cannot be authorized.

(4) Active component personnel can only qualify for MOS 95D by attending the 15-week resident course after acceptance into the CID Program by the Commander, USACIDC.

d. Curriculum. 4 phases.

(1) *Phase I.* Correspondence.

(a) 10 subcourses.

(b) *Subcourses.* MP1009, MP1010, MP1011, MP1012, MP1013, MP1017, MP1018, MP1020, MP1021, MP1019.

(2) *Phase II.* 2 weeks resident training. Must have completed phase I.

(3) *Phase III.* Correspondence.

(a) 4 subcourses.

(b) *Subcourses.* MP1014, MP1015, MP1016, MP1022.

(4) *Phase IV.* 2 weeks resident training. Must have completed phases I, II, and III.

2-182. Physical Security Course (Course Number: 191 G11)

a. Objective. To provide military police/corrections officers, enlisted personnel, and DOD civilians with general knowledge of physical security to include physical security planning, installation security, area security, and materiel control. Completion of this course does not meet educational requirements for award of ASI H3.

b. Eligibility. PVT and above in any component of the Armed Forces requiring a working knowledge of physical security. DOD civilians in grade GS-5 and above whose official duties require a knowledge of physical security.

- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* MP1000, MP1001, MP1002, MP1003.

2-183. Civil Disturbance Course (Course Number: 191 G13)

a. *Objective.* To provide military police/corrections officers and enlisted personnel with sufficient knowledge and skills to perform duties when deployed during a civil disturbance including behavioral aspects of control forces and dissidents; general policies and legal aspects concerning military operations during civil disturbances; community/news media relationship; interrelationship of local, state and federal authorities; supervision of crowd control formations; use of force; use and operation of riot control agent dispersers; and personnel, logistical and operational planning to control civil disturbances.

b. *Eligibility.* Members of the Armed Forces and DOD civilians whose duties require a knowledge of civil disturbance control.

- c. *Curriculum.* 2 subcourses.
- d. *Subcourses.* MP1004, MP1005.

Section XIX

Ordnance Branch Courses (Combined Arms Support Command)

2-184. RC Ordnance Officer Advanced Course (Course Number: 091 A11)

a. *Objective.* To prepare Reserve Component ordnance officers for command and staff duties at battalion through brigade or comparable levels in both divisional and nondivisional units, with emphasis on the exercise of command at battalion level.

b. *Eligibility.*

(1) Reserve Component commissioned officers in the rank of first lieutenant or above, whose actual or anticipated assignments are in ordnance, or their duties, actual or anticipated, require a working knowledge of ordnance.

(2) Must not have received equivalent credit for the ordnance career or advanced course.

(3) Must have completed the Ordnance Officer Basic Course or an officer basic course of another service school.

(4) Reserve Component ordnance officers must have completed the Ordnance Officer Advanced Course before assuming command of an ordnance branch company.

c. *Curriculum.* 2 phases.

(1) *Phase I.* Correspondence.

(a) 20 subcourses.

(b) *Subcourses.* IS1802, IS1803, IS7004, IS7008, IS7038, IS7045, IS8720, OD0450, OD0451, OD0960, OD0961, OD0967, OD0968, OD0969, OD0971, OD0973, QM0197, QM2063, QM2064, QM3519.

(2) *Phase II.* 2 weeks resident training.

2-185. RC WOAC Repair Technician Course (MOS 913A/914A) (Course Number: 091 W31)

a. *Objective.* To provide RC warrant officers with the knowledge and skills required to perform their management duties as repair technicians (MOS 913A/914A).

b. *Eligibility.* RC warrant officers who have completed the WOBC.

c. *Curriculum.* 2 phases.

(1) *Phase I.* Correspondence.

(a) 4 subcourses.

(b) *Subcourses.* IT0469, IS0342, IS1803, IS1460.

(2) *Phase II.* 2 weeks resident training.

2-186. RC WOAC Unit Maintenance Technician (Heavy) Course (MOS 915D) (Course Number: 091 W33)

a. *Objective.* To provide RC warrant officers with the knowledge and skills required to perform their management duties as unit maintenance technicians (MOS 915D).

b. *Eligibility.* RC warrant officers who have completed the WOBC.

c. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 6 subcourses.

(b) *Subcourses.* IN0710, IT0468, IT0469, IS1460, OD0466, OD1622.

(2) *Phase II.* 2 weeks resident training.

(3) *Phase III.* Correspondence. (Must have completed phase I.)

(a) 16 subcourses.

(b) *Subcourses.* OD0468, OD0463, OD0461, OD0475, OD0491, OD0472, OD0489, OD0483, OD0490, OD0480, OD0481, OD0482, OD1630, IS1803, IT0421, IT0464.

(4) *Phase IV.* 2 weeks resident training. (Must have completed all other phases before attending phase IV.)

2-187. RC WOAC Support Maintenance Technician Course (MOS 915E) (Course Number: 091 W35)

a. *Objective.* To provide RC warrant officers with the knowledge and skills required to perform their management duties as support maintenance technicians (MOS 915E).

b. *Eligibility.* RC warrant officers who have completed the WOBC.

c. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 9 subcourses.

(b) *Subcourses.* IN0710, IT0468, OD0971, OD1642, OD1644, OD1645, OD1651, OD1620, OD0010.

(2) *Phase II.* 2 weeks resident training.

(3) *Phase III.* Correspondence. (Must have completed phase I.)

(a) 6 subcourses.

(b) *Subcourses.* IT0469, IS1803, IS1460, OD0456, IT0421, IT0464.

(4) *Phase IV.* 2 weeks resident training. (Must have completed all other phases before attending phase IV.)

2-188. RC WOBC Armament Repair Technician Course (MOS 913A) (Course Number: 091 W11)

a. *Objective.* To provide RC warrant officers with the knowledge and skills required to become warrant officer armament repair technicians (MOS 913A).

b. *Eligibility.* RC warrant officers who have completed the Warrant Officer Candidate Course and have an interim SECRET security clearance.

c. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 14 subcourses.

(b) *Subcourses.* OD0606, IS1703, OD1630, OD1632, OD0450, OD0451, OD0452, OD0453, OD0966, OD0967, QM3300, QM3601, QM7068, AL0926.

(2) *Phase II.* 2 weeks resident training. Phase I must be completed before attending phase II.

(3) *Phase III.* Correspondence. (Must have completed phase I.)

(a) 13 subcourses.

(b) *Subcourses.* OD0463, OD0472, OD0475, OD0968, OD0969, OD1501, OD1502, OD1503, OD1505, OD1506, OD1508, OD1512, OD1618.

(4) *Phase IV.* 2 weeks resident training. (Must have completed all other phases before attending phase IV.)

2-189. RC WOBC Repair Shop Technician Course (MOS 914A) (Course Number: 091 W13)

a. *Objective.* To provide RC warrant officers with the knowledge and skills required to become warrant officer repair shop technicians (MOS 914A).

b. *Eligibility.* RC warrant officers who have completed the Warrant Officer Candidate Course and have an interim SECRET security clearance.

c. *Curriculum.* 4 phases.

(1) *Phase I.* Correspondence.

(a) 10 subcourses.

(b) *Subcourses.* OD0606, OD0450, OD0451, OD0452, OD0453, OD0966, OD0967, OD1640, OD1641, MM0651.

(2) *Phase II.* 2 weeks resident training. Phase I must be completed before attending phase II.

(3) *Phase III.* Correspondence.

(a) 12 subcourses.

(b) *Subcourses.* IS1703, OD0971, OD1501, OD1503, OD1505, OD1622, OD1646, OD1653, OD1672, QM3300, QM3601, QM7068.

(4) *Phase IV.* 2 weeks resident training. (Must have completed all other phases before attending phase IV.)

2-190. RC WOBC Unit Maintenance Technician (Light) Course (MOS 915A) (Course Number: 091 W15)

a. *Objective.* To provide RC warrant officers with the knowledge and skills required to become warrant officer unit maintenance technicians (light) (MOS 915A).

b. *Eligibility.* RC warrant officers who have completed the Warrant Officer Candidate Course and have an interim SECRET security clearance.

c. *Curriculum.* 4 phases.

- (1) *Phase I.* Correspondence.
 - (a) 14 subcourses.
 - (b) *Subcourses.* OD0450, OD0451, OD0452, OD0453, OD0454, OD0966, OD1002, OD1003, OD1005, OD1006, OD1007, OD1008, OD1620, OD1622.
- (2) *Phase II.* 2 weeks resident training. Phase I must be completed before attending phase II.
- (3) *Phase III.* Correspondence.
 - (a) 7 subcourses.
 - (b) *Subcourses.* OD0606, OD0462, OD0463, OD1501, OD1503, OD1512, OD1672.
- (4) *Phase IV.* 2 weeks resident training. (Must have completed all other phases before attending phase IV.)

2-191. NCO Mechanical Maintenance Common Core Course (Course Number: 091 D11)

- a. *Objective.* To provide enlisted personnel with a working knowledge of the duties associated with supervisory positions and prepare them to perform as NCOs at skill level 3 in CMF 63.
- b. *Eligibility.* SGTs and above assigned to CMF 63.
- c. *Curriculum.* 9 subcourses.
- d. *Subcourses.* IS7034, IS7035, IS7036, IS1703, IS1802, IS1803, IS3002, IS3004, OD1009.

2-192. Mechanical Maintenance Senior NCO Course (Course Number: 091 D15)

- a. *Objective.* To provide selected enlisted personnel with a working knowledge of duties associated with senior NCO positions and to prepare them to perform as NCOs in the rank of MSG or SGM.
- b. *Eligibility.* SSGs and above assigned to CMF 63.
- c. *Curriculum.* 17 subcourses.
- d. *Subcourses.* OD0450, OD0451, OD0452, OD0453, MM0499, IS7034, IS7035, IS7036, IS1705, QM2004, IS1460, OD1403, IS7006, IT0661, IS8718, IS8719, IS1803.

2-193. Metal Worker Course (MOS 44B) (Course Number: 091 M13)

- a. *Objective.* To provide enlisted personnel in CMF 63 with a working knowledge of the duties associated with the metal worker.
- b. *Eligibility.* Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the metal worker.
- c. *Curriculum.* 5 subcourses.
- d. *Subcourses.* OD1643, OD1650, OD1651, OD1653, OD1654.

2-194. Machinist Course (MOS 44E) (Course Number: 091 M11)

- a. *Objective.* To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a machinist.
- b. *Eligibility.* Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the machinist.
- c. *Curriculum.* 8 subcourses.
- d. *Subcourses.* OD1640, OD1621, OD1641, OD1642, OD1643, OD1644, OD1645, OD1646.

2-195. Small Arms Repairer Course (MOS 45B) (Course Number: 091 M15)

- a. *Objective.* To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a small arms repairer.
- b. *Eligibility.* Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of small arms repair.
- c. *Curriculum.* 17 subcourses.
- d. *Subcourses.* OD0462, OD0463, OD1401, OD1403, OD1501, OD1502, OD1503, OD1505, OD1506, OD1508, OD1621, FA3150, FA3313, IT0505, MM0703, IT0332, IT0333.

2-196. Self-Propelled Field Artillery Turret Mechanic Course (MOS 45D) (Course Number: 091 M17)

- a. *Objective.* To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a self-propelled field artillery turret mechanic.
- b. *Eligibility.* Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the SP field artillery turret mechanic.
- c. *Curriculum.* 14 subcourses.
- d. *Subcourses.* OD1403, OD1621, OD1622, OD1632, OD1633, OD0462, OD1009, OD1401, OD0455, OD0463, OD1508, OD1512, OD1631, OD1725

2-197. Fire Control Systems Repairer Course (MOS 45G) (Course Number: 091 M19)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a fire control systems repairer.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of fire control systems repair.

c. Curriculum. 22 subcourses.

d. Subcourses. OD0461, OD0465, OD0466, OD0468, OD0470, OD0472, OD0483, OD0485, OD1401, OD1402, OD1403, OD1621, OD1630, OD1631, OD1632, OD1633, OD1647, MM0702, MM0703, IT0332, IT0333, MM0308.

2-198. Tank Turret Repairer Course (MOS 45K) (Course Number: 091 M21)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a tank turret repairer.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of tank turret repair.

c. Curriculum. 15 subcourses.

d. Subcourses. OD1401, OD1402, OD1403, OD1501, OD1502, OD1503, OD1505, OD1506, OD1508, OD1512, OD1630, OD1631, OD1632, OD1633, MM0309.

2-199. Bradley Fighting Vehicle System Turret Mechanic Course (MOS 45T) (Course Number: 091 M25)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a Bradley Fighting Vehicle system turret mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of a BFVS mechanic.

c. Curriculum. 21 subcourses.

d. Subcourses. MM3688, MM4807, MM4811, MM4812, MM4813, MM4814, OD0469, OD1506, OD1608, OD1609, IT0332, IT0333, IT0334, OD0463, OOD1401, OD1403, OD1610, OD1621, OD1633, OD1725, OD0455.

2-200. Utility Equipment Repairer Course (MOS 52C) (Course Number: 091 M27)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a utility equipment repairer.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of utility equipment repair.

c. Curriculum. 4 subcourses.

d. Subcourses. OD1747, OD1748, OD1749, OD1750.

2-201. Light Wheel Vehicle Mechanic Course (MOS 63B) (Course Number: 091 M31)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a light wheel vehicle mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the light wheel vehicle mechanic.

c. Curriculum. 14 subcourses.

d. Subcourses. IS0902, OD1001, OD1002, OD1003, OD1004, OD1005, OD1006, OD1007, OD1008, OD1009, OD1615, OD1616, OD1617, OD1621.

2-202. Self-Propelled Artillery System Mechanic Course (MOS 63D) (Course Number: 091 M33)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a self-propelled field artillery system mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the SP field artillery system mechanic.

c. Curriculum. 23 subcourses.

d. Subcourses. OD0463, OD0610, OD0611, EN5259, FA3151, OD0455, OD1619, OD1601, OD1620, OD1621, OD1622, OD1672, FA8001, AL0907, EN5263, OD1700, OD1702, OD1703, OD1725, OD1009, OD1403, OD1633, OD1737.

2-203. M1 Abrams Tank Systems Mechanic Course (MOS 63E) (Course Number: 091 M35)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a M1 Abrams tank systems mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the M1 Abrams tank systems mechanic.

c. Curriculum. 26 subcourses.

d. Subcourses. OD0470, OD0474, OD0475, OD0476, OD0477, OD0478, OD0479, OD0480, OD0483, OD0484, OD0485, OD0486, OD0487, OD0488, OD0489, OD0491, OD0455, OD0460, OD0610, OD0611, OD1403, OD1705, OD1706, OD1709, OD1710, OD1711.

2–204. Track Vehicle Repairer Course (MOS 63H) (Course Number: 091 M37)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a track vehicle repairer.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require the knowledge and skills of the track vehicle repairer.

c. Curriculum. 36 subcourses.

d. Subcourses. OD0010, OD0011, OD0017, OD0455, OD0456, OD0460, OD0461, OD0470, OD0471, OD0475, OD0476, OD0477, OD0478, OD0479, OD0484, OD0485, OD0486, OD0487, OD0488, OD1619, OD1601, OD1604, OD1605, OD1606, OD1607, OD1705, OD1706, OD1707, OD1708, OD1709, OD1710, OD1711, OD1712, OD1713, OD1714, OD1715.

2–205. Quartermaster and Chemical Equipment Repairer Course (MOS 63J) (Course Number: 091 M39)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a quartermaster and chemical equipment repairer.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require knowledge and skills of the quartermaster and chemical equipment repairer.

c. Curriculum. 6 subcourses.

d. Subcourses. CM1205, CM1207, CM2506, CM3201, CM3208, QM4129.

2–206. Heavy Wheel Vehicle Mechanic Course (MOS 63S) (Course Number: 091 M43)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a heavy wheel vehicle mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require knowledge and skills of the heavy wheel vehicle mechanic.

c. Curriculum. 12 subcourses.

d. Subcourses. OD1001, OD1002, OD1003, OD1004, OD1005, OD1006, OD1007, OD1008, OD1009, OD1403, OD0610, OD0611.

2–207. Bradley Fighting Vehicle System Mechanic Course (MOS 63T) (Course Number: 091 M45)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a Bradley Fighting Vehicle System mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require knowledge and skills of the Bradley Fighting Vehicle System mechanic.

c. Curriculum. 24 subcourses.

d. Subcourses. IS0902, OD0455, OD1403, OD1601, OD1603, OD1604, OD1606, OD1610, OD1618, OD1619, OD1620, OD1621, OD1633, OD1647, OD1672, OD0456, OD0610, OD0611, OD1605, OD1607, OD1622, OD1725, OD0463, OD1512.

2–208. Wheel Vehicle Repairer Course (MOS 63W) (Course Number: 091 M47)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a wheel vehicle repairer.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require knowledge and skills of the wheel vehicle repairer.

c. Curriculum. 23 subcourses.

d. Subcourses. OD1619, OD1620, OD0610, MM0703, MM0704, OD0611, EN5263, OD0455, OD1621, OD1403, MM0651, IT0332, IT0333, IT0335, IT0338, EN5259, EN5260, IN0511, OD1005, OD1006, OD1007, OD1008, OD1622.

2–209. Track Vehicle Mechanic Course (MOS 63Y) (Course Number: 091 M49)

a. Objective. To provide enlisted personnel in CMF 63 with a working knowledge of the duties of a track vehicle mechanic.

b. Eligibility. Enlisted personnel qualified in or assigned to a duty position in CMF 63 whose duties require knowledge and skills of the track vehicle mechanic.

c. Curriculum. 4 subcourses.

d. Subcourses. OD0610, OD0611, OD1601, OD1672.

Section XX

Ordnance Missile and Munitions Branch Courses (Combined Arms Support Command)

2–210. RC Munitions Materiel Management Officer Advanced Course (AOC 91D) (Course Number: 093 A11)

a. Objective.

(1) To prepare RC munitions materiel management officer for munitions combat service support command and staff positions from battalion to Materiel Management Center (MMC) levels.

(2) To meet RC officers' educational requirements for promotion and qualification for further education at the U.S. Army Command and General Staff College.

b. Eligibility. Commissioned officers, first lieutenant or above, of any of the Reserve Components of the Army whose duties require a working knowledge of munitions materiel management. Applicants must have completed an Officer Basic Course. If enrollment is for purposes of branch transfer, applicant must first complete 91D Branch Transfer Course. Security clearance required is SECRET.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) 13 subcourses.

(b) *Subcourses.* IS1801, IS7006, IS7038, IS7045, IS8720, MM0166, MM0167, MM0168, MM0169, MM0170, MM0171, MM0175, MM0176.

(2) *Phase II.* 2 weeks resident training.

2–211. RC WOBC Ammunition Technician (MOS 910A) (Course Number: 093 W11)

a. Objective. To train and certify RC warrant officers for appointment and initial assignment as ammunition technicians (MOS 910A).

b. Eligibility. Reserve Component warrant officers who have completed the Warrant Officer Candidate School (resident only).

c. Administration. Phase I must be completed before entering phase II. Phase III must be completed before starting phase IV. The candidate will be tested on phase I material upon entering phase II, and phase III material upon entering phase IV. A diploma will be issued when all four phases are completed.

d. Curriculum. 4 phases.

(1) *Phase I.* Correspondence.

(a) 16 subcourses.

(b) *Subcourses.* IS0344, CM1301, CM2506, CM3404, MM2597, MM2598, MM2599, MM2600, MM2601, MM2605, MM2608, MM4618, MM4620, MM4628, MM4630, MM4632.

(2) *Phase II.* 2 weeks, 1 day of resident training (116 hours). Extension Training Material provided by USAOM-MCS will be furnished to the student upon completion of phase II.

(3) *Phase III.* Extension training material issued by USAOMMCS.

(4) *Phase IV.* 1 week, 4 days resident training (90 hours).

2–212. Radar Set AN/FPN–40 Refresher Course (MOS 35D) (Course Number: 093 M24)

a. Objective. To provide a basic review and refresher training for the Radar Set AN/FPN–40.

b. Eligibility. Enlisted personnel qualified in MOS 35D and DA civilians responsible for maintaining the AN/FPN–40 radar set.

c. Curriculum. 14 subcourses. Subcourse numbers marked with an asterisk require specific equipment to complete. See subcourse descriptions in chapter 3 for details on what equipment is needed. Do not enroll in this course unless you have access to the equipment necessary to work all the subcourses.

d. Subcourses. MM0702, MM0703, MM0704, MM0705, MM0706, SS0311, MM5000, SS0713, SS0463, *AV5044, MM5005, AV5004, MM5006, MM5007.

2–213. Radio/COMSEC Repairer Course (MOS 35E10) (Course Number: 093 M35)

a. Objective. To provide personnel with the knowledge of basic electronics, repair of radio COMSEC devices and associated equipment, general maintenance and communications security (COMSEC) procedures.

b. Eligibility. A student must have a duty assignment in CMF 35 and access to equipment.

c. Curriculum. 27 subcourses.

d. Subcourses. MM0099, MM0702, MM0703, MM0309, OD0465, MM0321, MM0322, MM0323, MM0324, MM0327, MM0320, IS3005, IT0351, IT0336, MM0651, MM0750, MM4617, IT0350, IT0349, IT0332, IT0333, IT0334, IT0335, IT0342, IT0343, IT0344, IT0345.

2-214. Special Electronic Devices Repairer Course (MOS 35F10) (Course Number: 093 M05)

a. Objective. To provide enlisted personnel the skills and knowledge necessary to repair special electronic devices through general support maintenance. Repair such devices as night vision systems, mine detectors and mine scattering systems, electronic position and azimuth determining systems, battlefield illumination systems, electronic azimuth orientation system, nuclear biological and chemical warning and measuring systems.

b. Eligibility. Must have a duty assignment in the career field.

c. Curriculum. 12 subcourses.

d. Subcourses. SS0812, MM0651, MM0099, MM0702, MM0703, IT0353, SA0747, MM0705, MM5000, MM0707, SS0391, IT0338.

2-215. Test Measurement and Diagnostic Equipment (TMDE) Maintenance Support Specialist Basic Level Technical Refresher Course (MOS 35H10) (Course Number: 093 M88)

a. Objective. To provide enlisted personnel and DOD civilians with skills to perform calibration and DS/GS maintenance on selected calibration standards and TMDE.

b. Eligibility. Enlisted personnel of the Active Army or an RC with duties in MOS 35H10. Civilian employees of the Federal Government in GS series 802, 856, 2602, or WG series 3412 requiring skill and knowledge in the maintenance support of calibration standards and test, measurement and diagnostic equipment.

c. Curriculum. 35 subcourses.

d. Subcourses. MM0099, IT0332, EN5700, EN5702, IT0333, IT0334, IT0335, IT0339, IT0340, IT0342, IT0343, MM0440, MM0455, MM0707, MM0702, MM0703, IT0351, IT0353, MM0705, MM0308, MM0309, MM0704, SA0746, MM5000, MM0706, MM0456, MM0474, MM0478, MM0479, MM0483, MM0486, MM0487, MM0499, MM0462, IT0338.

2-216. Electronic Technology Course (Course Number: 093 D19)

a. Objective. To provide a general knowledge of electronics fundamentals that is essential for advanced study in the electronics field.

b. Eligibility. AC and RC personnel holding MOS 35H or an MOS in CMF 35. Officers, warrant officers, and DA civilians whose duties require a working knowledge of electronics.

c. Curriculum. 6 subcourses. These subcourses should be completed in the listed sequence.

d. Subcourses. MM0702, MM0703, MM0704, MM0705, MM0706, MM0707.

2-217. Computer Automation Systems Repairer Course (MOS 35J10) (Course Number: 093 M37)

a. Objective. To train military personnel in DS/GS repair and maintenance of computerized telecommunications terminal devices and commercial off-the-shelf (COTS) personal computers and peripheral devices.

b. Eligibility. Soldiers assigned to MOS 35J.

c. Administration. Specify whether you wish to enroll in only one phase or the entire course.

d. Curriculum. 2 phases.

(1) *Phase I.* Correspondence. (Support training in the unit.)

(a) 2 subcourses.

(b) *Subcourses.* MM0398, MM0396.

(2) *Phase II.* Correspondence. (Parallels resident POI.)

(a) 2 subcourses.

(b) *Subcourses.* MM0651, OD0465.

2-218. Avionics Communications Equipment Repairer (MOS 35L) (Course Number: 093 M12)

a. Objective. To provide enlisted personnel and DA civilians with the skills and knowledge to perform aviation intermediate maintenance on aircraft communications equipment to include intercommunications systems, FM, AM, and SSB communications systems.

b. Eligibility. Students must have a duty assignment or MOS in the career field.

c. Curriculum. 38 subcourses. Subcourse numbers marked with an asterisk require specific equipment to complete. See subcourse descriptions in chapter 3 for details on what equipment is needed. Do not enroll in this course unless you have access to the equipment necessary to work all the subcourses.

d. Subcourses. MM0702, MM0703, MM0704, MM0705, MM0706, MM0309, IT0300, IT0332, IT0333, IT0334, IT0335, IT0336, IT0337, IT0338, IT0339, IT0340, IT0341, IT0342, IT0343, IT0344, IT0345, IT0346, IT0350, IT0351,

SA0746, IT0353, MM0320, MM0321, MM0322, MM0323, MM0324, IS1143, MM0327, SS0713, MM0651, AV5036, *AV5039, *AV5041.

2-219. Wire Systems Equipment Repair Course (MOS 35N10) (Course Number: 093 M39)

a. Objective. This course provides skills and knowledge necessary to troubleshoot, repair and maintain tactical field telephones; manual, semiautomatic and automatic transportable telephone central office systems; and apply the fundamentals of telephony.

b. Eligibility. A student must have a duty assignment in the MOS career field.

c. Curriculum. 6 subcourses. (Subcourse numbers marked with an asterisk (*) require specific equipment to complete. Do not enroll in this course unless you have the necessary equipment to complete all the subcourses.)

d. Subcourses. OD1633, SS0409, *MM0426, *SS0410, *SS0411, MM0651.

2-220. Avionic Systems Repairer (MOS 35R) (Course Number: 093 M16)

a. Objective. To provide enlisted personnel and DA civilians with the skills and knowledge to perform aviation intermediate maintenance on aircraft survivability equipment, radar, altimeters, night vision goggles, transponders, navigation systems, and other equipment.

b. Eligibility. Students must have a duty assignment or MOS in the career field.

c. Curriculum. 40 subcourses. Subcourse numbers marked with an asterisk require specific equipment to complete. See subcourse descriptions in chapter 3 for details on what equipment is needed. Do not enroll in this course unless you have access to the equipment necessary to work all the subcourses.

d. Subcourses. MM0702, MM0703, MM0704, MM0705, MM0706, MM0309, IT0300, IT0332, IT0333, IT0334, IT0335, IT0336, IT0337, IT0338, IT0339, IT0340, IT0341, IT0342, IT0343, IT0344, IT0345, IT0346, IT0350, IT0351, SA0746, IT0353, MM0322, MM5000, MM0324, MM5005, MM5012, MM5024, SS0713, IS1143, MM0327, MM0651, *AV5020, *AV5021, *AV5022, *MM5031.

2-221. RC Ammunition Specialist BNCOC (Consolidated) Course (MOS 55B30) (Course Number: 093 M28)

a. Objective. To provide basic leadership skill and military subjects required by the section/squad leader to train and lead in the AirLand Battle environment. This course covers ammunition compatibility and quantity distance standards, ammunition storage, rewarehousing, segregation operations and safe handling procedures. Also covered are chemical munitions storage and leak detection procedures, ammunition inspection procedures and using and maintaining precision measuring instruments. This course parallels the Active Component course and consolidates the former critical tasks of MOS 55B30, 55R30, and 55X30 into this special configured course.

b. Eligibility. This course is available only to Reserve Components in the rank of SSG or SGT. Student must be qualified in MOS 55B.

c. Curriculum. 3 phases.

(1) *Phase I.* Inactive duty training. Common leader training (47 hours)

(2) *Phase II.* Correspondence.

(a) 23 subcourses.

(b) *Subcourses.* MM4623, MM4674, MM4675, MM4676, MM2598, MM2600, MM2603, MM3667, MM3670, MM3671, MM3673, MM3674, MM3675, MM3676, MM3677, MM3679, MM3680, MM3682, MM3684, MM3685, MM3688, MM3689, MM3690.

(3) *Phase III.* 2 weeks resident training. Applications for the resident phase should be made through command channels after completing 50 percent of phase II (12 subcourses); however, all subcourses in phase II must be completed before actually attending phase III. Please bring your phase II completion notice when attending phase III. Phase III consists of MOS specific 'hands on' training and is trained either at the USAOMMCS, Redstone Arsenal, AL, or approved Reserve Component training institutions.

2-222. Explosive Ordnance Disposal (EOD) Course (MOS 55D) (Course Number: 093 M40)

a. Objective. To provide EOD soldiers with a working knowledge of those duties required to perform in MOS 55D and to increase the technical, tactical, and administrative proficiency of soldiers in MOS 55D.

b. Eligibility. This course is available to primary MOS 55D soldiers of the Active and Reserve Components in all ranks. MOS 55D qualification must be current at the time of enrollment.

c. Curriculum. 23 subcourses.

d. Subcourses. AG0101, AG0516, AG0404, CM1301, CM2302, IS0343, EN0053, IS7035, SS0002, IS0788, IN1008, IN0551, IS1803, IS0821, MM2598, MM2601, MM2602, MM2605, MM4610, IS8701, IS8711, IT0332, IT0334.

Section XXI

U.S. Army Element School of Music (U.S. Army Soldier Support Institute)

2-223. RC WOBC Band Commander Course (420C) (Course Number: 514 W13)

a. Objective. To train and certify RC warrant officers for appointment and initial assignment as RC band commanders (MOS 420C).

b. Eligibility.

(1) Reserve Component warrant officers who have completed the Warrant Officer Candidate School (resident only).

(2) Must meet height and weight standards and pass the APFT.

c. Administration. Phase I of this course must be completed before attending phase II. A diploma will be issued upon completion of phases I and II.

d. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) 18 subcourses.

(b) *Subcourses.* MU0010, MU1300, MU1305, MU1709, MU1715, MU3200, MU3210, MU3310, MU3314, MU3320, MU3322, MU3323, MU4100, MU4200, MU4214, MU4344, MU6210, MU6357.

(2) *Phase II.* Thirty-two hour resident training/certification at U.S. Army Element School of Music, 1420 Gator Blvd, Norfolk, VA 23521-5170.

2-224. Band Commander Sustainment Training Course (Course Number: 514 F11)

a. Objective. To provide sustainment training for band commanders.

b. Eligibility. This course is open to commissioned officers in FA 42C and warrant officers in MOS 420C currently assigned to Active Army and RC bands. This course is also available to officers prior to assignment to MOS 42C and Active Army and RC SGTs and SSGs serving in CMF 97 in preparation for band commander training.

c. Curriculum. 18 subcourses.

d. Subcourses. MU0010, MU1300, MU1305, MU1709, MU1715, MU3200, MU3210, MU3310, MU3314, MU3320, MU3322, MU3323, MU4100, MU4200, MU4214, MU4344, MU6210, MU6357.

2-225. RC Advanced Noncommissioned Officers Course (MOS 02B-02U) (Course Number: 514 M03)

a. Objective. To provide selected enlisted personnel with a working knowledge of the duties required to perform as an Army band ensemble leader.

b. Eligibility. RC NCOs in the ranks of SSG and SFC in CMF 97.

c. Administration. Phases I and II must be completed before attending phase III. A diploma will be issued upon completion of all phases.

d. Curriculum. 3 phases.

(1) *Phase I.* Common core. 2 weeks resident training at a USARF School.

(2) *Phase II.* Correspondence.

(a) 10 subcourses.

(b) *Subcourses.* MU1300, MU1305, MU1709, MU1715, MU3200, MU3310, MU3322, MU4200, MU4214, MP1031.

(3) *Phase III.* 2 weeks resident training at U.S. Army Element School of Music, 1420 Gator Blvd, Norfolk, VA 23521-5170.

2-226. RC Basic Noncommissioned Officer Course (MOS 02B-02U) (Course Number: 514 M01)

a. Objective. To provide selected enlisted personnel with a working knowledge of the duties required to perform as an Army band section leader.

b. Eligibility. RC enlisted personnel in the ranks of SPC/CPL (promotable) through SSG in CMF 97 and who are performing in or assigned to an SSG position.

c. Administration. Phases I and II must be completed before attending phase III. A diploma will be issued upon completion of all phases.

d. Curriculum. 3 phases.

(1) *Phase I.* Common core. 2 weeks resident training at a USARF School.

(2) *Phase II.* Correspondence.

(a) 10 subcourses.

(b) *Subcourses.* MU1300, MU1305, MU1709, MU3200, MU3210, MU3310, MU3320, MU3322, MU4214, MP1031.

(3) *Phase III.* 2 weeks resident training at U.S. Army Element School of Music, 1420 Gator Blvd, Norfolk, VA 23521-5170.

2-227. Advanced Enlisted Professional Development Course (MOS 02B—02U) (Course Number: 514 M07)

a. Objective. To provide selected enlisted personnel in CMF 97 with a working knowledge of the duties required to perform as senior NCOs. This course may be used to prepare for resident ANCOC or as a sustainment course for resident ANCOC graduates.

b. Eligibility. SSG and above in CMF 97. Must have completed either the Basic Enlisted Professional Development Course or the School of Music resident BNCOC.

c. Curriculum. 19 subcourses.

d. Subcourses. MU1715, MU3314, MU3322, MU3323, MU4200, MU4344, MU6210, MU6357, AG1086, IS7000, IS8701, IS8711, IS8710, OD0960, IS7034, IS7035, MP1031, AG0516, AG0034.

2-228. Basic Enlisted Professional Development Course (MOS 02B—02U) (Course Number: 514 M05)

a. Objective. To provide enlisted personnel in CMF 97 with a working knowledge of the duties required to perform as SGTs and SSGs. This course may be used to prepare for resident BNCOC or as sustainment training for resident BNCOC graduates.

b. Eligibility. Specialist and above in CMF 97.

c. Curriculum. 17 subcourses.

d. Subcourses. MU0010, MU3200, MU3210, MU3310, MU3320, MU3322, MU4100, MU4214, IS8701, IS8711, IS8710, IT0469, IS7034, IS7035, MP1031, AG0516, AG0034.

Section XXII

U.S. Army Public Affairs Center

2-229. RC Public Affairs Officer Qualification Course (Course Number: 212 Q11)

a. Objective. To provide an opportunity for officers in the Reserve Component who are serving in, or anticipate serving in, a public affairs slot, and are *not* public affairs-qualified, to achieve functional area qualification. The course is conducted in two phases, consisting of a nonresident correspondence phase and a 2-week resident phase at the Defense Information School.

b. Eligibility. RC commissioned officers who are assigned or on orders for a public affairs assignment.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence. Must be completed before attending phase II.

(a) 20 subcourses.

(b) *Subcourses.* PA0100, PA0110, PA0120, DI0130, MP1024, DI0140, DI0200, DI0210, DI0220, DI0230, DI0250, DI0251, DI0260, DI0300, DI0310, DI0350, DI0351, DI0410, DI0500, IS8720.

(2) *Phase II.* Resident training. Public affairs officer training at Defense Information School.

2-230. RC Basic Journalist MOS Qualification Course (MOS 46Q10) (Course Number: 212 M11)

a. Objective. To provide a means for Army RC enlisted soldiers to pursue award of MOS 46Q (Basic Journalist). Soldiers must complete the MOS 46Q course before they can be considered qualified for 46Q by the appropriate MOS-granting authority.

b. Eligibility. RC (USAR and NG) enlisted soldiers who have completed Initial Entry Training and Advanced Individual Training in another MOS. Must be in or programmed to occupy a PA specialist position. AGR soldiers are *not* eligible. RC enlisted soldiers must meet the following criteria:

(1) Be PFC through SFC.

(2) Be high school graduate or have equivalency certificate.

(3) A minimum GT score of 110.

(4) Must have completed 2 years high school English documented by official transcript.

(5) Type a minimum of 20 words per minute.

(6) Must have a secret security clearance before being awarded the MOS.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence. Must be completed before attending phase II.

(a) 15 subcourses.

(b) *Subcourses.* PA0100, PA0110, PA0120, DI0130, DI0140, DI0200, DI0210, DI0220, DI0230, DI0240, DI0250, DI0251, DI0252, DI0253, DI0260.

(2) *Phase II.* Resident training. Basic Journalism Course-RC at Defense Information School, Ft Meade, MD 20755.

2-231. RC Basic Broadcaster MOS Qualification Course (MOS 46R10) (Course Number: 212 M13)

a. Objective. To provide a means for Army RC enlisted soldiers to pursue award of MOS 46R (Basic Broadcaster).

Soldiers must complete the MOS 46R course before they can be considered qualified for 46R by the appropriate MOS-granting authority.

b. Eligibility. Must comply with eligibility requirements listed under 2-229 MOS 46Q10 and...

(1) Mandatory voice audition tape from a script provided by the Defense Information School (DINFOS) must be submitted and approved prior to enlistment and reservation in ATRRS. Approval is a prerequisite to screen candidates with non-trainable voice deficiencies. Mandatory voice audition will be administered by U.S. Army Recruiting Command or other military personnel, and evaluated by DINFOS, ATTN: BWAS, 6500 Mapes Road, Fort Meade, MD 20755-5620, 301-677-4373. This course is mandatory for prior service ARNG and USAR soldiers to be awarded MOS 46R.

(2) Must have a valid vehicle operator license.

c. Curriculum. 3 phases.

(1) *Phase I.* Resident training. Introductory Broadcast Course-RC at Defense Information School.

(2) *Phase II.* Correspondence. Must be completed before attending phase III.

(a) 15 subcourses.

(b) *Subcourses.* PA0100, PA0110, PA0120, DI0130, DI0140, DI0300, DI0310, DI0320, DI0330, DI0340, DI0345, DI0350, DI0351, DI0370, DI0390.

(3) *Phase III.* Resident. Electronic Journalism Course at Defense Information School.

Section XXIII

Quartermaster Branch Courses (Combined Arms Support Command)

2-232. RC Quartermaster Officer Advanced Course (Course Number: 101 A11)

a. Objective. To prepare Quartermaster Officers of Reserve Components of the Army for branch command and staff duties at battalion through brigade or comparable levels in both divisional and nondivisional units.

b. Eligibility. RC officers, first lieutenant and above, who have completed an officer basic course. Completion of this course or completion of the 5-week resident Supply Management Course qualifies non-branch RC officers for Quartermaster branch transfer.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence. Must complete phase I before attending phase II.

(a) 26 subcourses.

(b) *Subcourses.* IS1801, IS7006, IS7038, IS7045, IS8720, QM0197, QM3300, QM3502, QM3503, QM3504, QM3505, QM3506, QM3507, QM3508, QM3509, QM3510, QM3511, QM3512, QM3513, QM3514, QM3515, QM3516, QM3517, QM3518, QM3519, QM3520.

(2) *Phase II.* 2 weeks resident training taught by the academic departments of the Quartermaster School.

2-233. Petroleum Officer Course (Course Number: 101 Q15)

a. Objective. To provide an overall working knowledge of the policies, principles, and procedures necessary to perform as a petroleum officer.

b. Eligibility. Commissioned officers who have completed an Officer Advanced Course.

c. Curriculum. 5 subcourses.

d. Subcourses. QM5200, QM5201, QM5202, QM5203, QM5204.

2-234. Food Service Officer (Course Number: 101 Q17)

a. Objective. To train newly appointed food service officers in the skills and knowledge needed to perform as a food service officer.

b. Eligibility. All commissioned and noncommissioned officers and DA civilians.

c. Curriculum. 17 subcourses.

d. Subcourses. QM0333, QM0433, QM0453, QM6083, QM6117, QM6140, QM6190, QM6194, QM6198, QM6200, QM6202, QM6205, QM6207, QM6217, QM6251, QM6252, QM6253.

2-235. Food Service Management Course (Course Number: 101 F11)

a. Objective. To provide overall working knowledge of the policies, principles, technology, techniques, and procedures necessary to perform as a brigade level food adviser or brigade or division level food service supervisor.

b. Eligibility. Commissioned officers, warrant officers with MOS 922A, enlisted personnel in MOS 92G in the rank of SSG (promotable) or above, and DA civilians.

c. Curriculum. 21 subcourses.

d. Subcourses. QM6250, QM3840, QM3841, QM3842, QM6234, QM6232, QM6194, QM6251, QM6252, QM6253, IS0345, IS7000, IS7003, IS7008, IS7036, IS8711, IS8718, IS8719, QM6084, QM6082, IS1460.

2-236. RC WOAC Property Accounting Technician (MOS 920A) (Course Number: 101 W31)

- a. Objective.* To provide advanced training for CW2 and above (MOS 920A).
- b. Eligibility.* RC warrant officers who have completed the MOS 920A Warrant Officer Basic Course or Supply Management Officer Course, resident or nonresident.
- c. Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence.
 - (a) 12 subcourses.
 - (b) *Subcourses.* IS1460, FI0181, FI0182, QM3809, IT0468, IS0788, QM0197, QM3602, QM3800, QM2064, QM3100, QM2063.
 - (2) *Phase II.* 2 weeks resident training. Phase I must be completed before attending phase II.

2-237. RC WOAC Supply Systems Technician (MOS 920B) (Course Number: 101 W33)

- a. Objective.* To provide advanced training for CW2 and above (MOS 920B).
- b. Eligibility.* RC warrant officers who have completed the 920B Warrant Officer Basic Course or Supply Management Officer Course, Fort Lee, VA, resident or nonresident.
- c. Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence.
 - (a) 11 subcourses.
 - (b) *Subcourses.* IS1460, FI0181, FI0182, QM3809, IT0468, IS0788, QM0197, QM3602, QM3100, QM3401, QM3402.
 - (2) *Phase II.* 2 weeks resident training. Phase I must be completed before attending phase II.

2-238. RC WOAC Food Service Technician (MOS 922A) (Course Number: 101 W35)

- a. Objective.* To provide senior level training for Food Service Warrant Officers (MOS 922A).
- b. Eligibility.* RC warrant officers who have completed the 922A Warrant Officer Basic Course, the Food Service Management Course, or the RC Food Service Management Course.
- c. Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence.
 - (a) 16 subcourses.
 - (b) *Subcourses.* QM0197, QM0312, QM0327, QM3054, QM3083, QM3317, QM3318, QM3809, QM3840, QM3841, QM3842, QM6195, QM6201, QM6213, IS7004, QM6254.
 - (2) *Phase II.* Resident training. Phase I must be completed before attending phase II.

2-239. RC WOBC Property Accounting Technician Course (920A) (Course Number: 101 W11)

- a. Objective.* To train entry level RC warrant officers in the skills and knowledge needed to perform as property accounting technicians (920A).
- b. Eligibility.* Newly appointed RC warrant officers who have completed the Warrant Officer Candidate Course and RC warrant officers being reclassified into MOS 920A.
- c. Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence.
 - (a) 19 subcourses.
 - (b) *Subcourses.* QM0311, QM0197, QM2002, QM2003, QM3317, QM0327, QM3301, QM2350, QM3809, FI0177, FI0178, FI0179, FI0180, QM2021, QM3600, QM3601, QM3602, QM3800, QM3804.
 - (2) *Phase II.* Resident Training. Phase I must be completed before attending phase II.

2-240. RC WOBC Supply Systems Technician Course (920B) (Course Number: 101 W13)

- a. Objective.* To train entry level RC warrant officers in the skills needed to perform as supply systems technicians (MOS 920B).
- b. Eligibility.* Newly appointed RC warrant officers who have completed the Warrant Officer Candidate Course and RC warrant officers being reclassified into MOS 920B.
- c. Curriculum.* 2 phases.
 - (1) *Phase I.* Correspondence.
 - (a) 23 subcourses.
 - (b) *Subcourses.* QM0311, QM0197, QM2002, QM2003, QM3317, QM3079, QM3602, QM3600, QM3800, QM3805, QM3801, QM3809, QM3807, QM3806, FI0177, FI0178, FI0179, FI0180, QM2900, QM2901, QM2912, QM2919, QM2921.
 - (2) *Phase II.* Resident training. Phase I must be completed before attending phase II.

2-241. RC WOBC Food Service Technician Course (922A) (Course Number: 101 W15)

a. Objective. To train newly appointed and reclassified RC warrant officers in the skills needed to perform as food technicians (MOS 922A).

b. Eligibility. Newly appointed RC warrant officers who have completed the Warrant Officer Candidate Course and RC warrant officers being reclassified into MOS 922A.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence.

(a) 30 subcourses.

(b) *Subcourses.* QM0453, QM3100, QM3611, QM3843, QM3844, QM3845, QM3846, QM3849, QM3851, QM3852, QM3853, QM3854, QM3855, QM3856, QM3858, QM3859, QM3860, QM3861, QM6165, QM6194, QM6200, QM6202, QM6203, QM6207, QM6251, QM6252, QM6253, IS1460, IS7008, QM6250.

(2) *Phase II.* Resident training. Phase I must be completed before attending phase II.

2-242. Troop Issue Subsistence Activity (TISA) Management Course (Course Number: 101 F13)

a. Objective. To provide all Active Army and Reserve Components soldiers and DA civilians with comprehensive knowledge of the procedures and responsibilities related to the operation of TISAs.

b. Eligibility. All military and DA civilian personnel working in or pending assignment to TISAs.

c. Curriculum. 17 subcourses.

d. Subcourses. QM6020, QM6042, QM6043, QM6044, QM6045, QM6048, QM6055, QM6056, QM6060, QM6070, QM6071, QM6073, QM6074, QM6075, QM6076, QM6077, QM6082.

2-243. Fabric Repair Specialist Course (MOS 43M20) (Course Number: 101 M01)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SGT.

b. Eligibility. PVT or above with duty assignment in MOS 43M.

c. Curriculum. 6 subcourses.

d. Subcourses. QM4101, QM4103, QM4129, QM4127, QM4132, QM4150.

2-244. Laundry and Shower Specialist Course (MOS 57E20) (Course Number: 101 M03)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SGT.

b. Eligibility. PVT or above with duty assignment in MOS 57E.

c. Curriculum. 4 subcourses.

d. Subcourses. QM4224, QM4250, QM4253, QM4258.

2-245. Mortuary Affairs Specialist Course (MOS 92M40) (Course Number: 101 M14)

a. Objective. To provide enlisted personnel with the knowledge and skill required to perform as NCO in the rank of SFC.

b. Eligibility. SSGs and above in MOS 92M or assigned to a duty position in MOS 92M.

c. Curriculum. 3 subcourses.

d. Subcourses. QM4378, QM4381, QM4382.

2-246. Mortuary Affairs Specialist Course (MOS 92M30) (Course Number: 101 M13)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SSG.

b. Eligibility. SGTs and above in MOS 92M or assigned to a duty position in MOS 92M.

c. Curriculum. 2 subcourses.

d. Subcourses. QM4350, QM4355.

2-247. Mortuary Affairs Specialist Course (MOS 92M20) (Course Number: 101 M12)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SGT.

b. Eligibility. Specialist and above in MOS 92M or assigned to a duty position in MOS 92M.

c. Curriculum. 9 subcourses.

d. Subcourses. QM4303, QM4308, QM4310, QM4311, QM4315, QM4317, QM4320, QM4323, QM4326.

2-248. Petroleum Supply Specialist Course (MOS 77F50) (Course Number: 101 M50)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as senior NCOs in the rank of MSG.

- b. *Eligibility.* SGT or above with duty assignment in MOS 77F.
- c. *Curriculum.* 6 subcourses.
- d. *Subcourses.* QM5085, QM5086, QM5087, QM5088, QM5091, QM5093.

2-249. Petroleum And Water Specialist Total Army Training System (TATS) ANCOC Course (MOS 77F40)(Course Number: 101 T40)

- a. *Objective.* To provide NCOs with the knowledge and skills required to perform petroleum supply, petroleum laboratory, water treatment operations,safety and environmental stewardship protection considerations.
- b. *Eligibility.* Soldiers who have been selected for promotion to SFC or who are performing in or being assigned to positions for which training is designed.
- c. *Curriculum.* 12 subcourses.
- d. *Subcourses.* QM4922, QM4923, QM4924, QM5097, QM5098, QM5099, QM5183, QM5184, QM6300, QM6301, QM6302, QM6303.

2-250. Petroleum Supply Specialist Course (MOS 77F30) (Course Number: 101 M05)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SGT.
- b. *Eligibility.* Specialist or above with duty assignment in MOS 77F.
- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* QM5092, QM5094, QM5095, QM5096.

Note. Above subcourses must be completed prior to attending the active duty phase for the 77F30 TATS course. Subcourses are also available individually.

2-251. Petroleum Laboratory Specialist Course (MOS 77L40) (Course Number: 101 M52)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SFC.
- b. *Eligibility.* SGT or above with duty assignment in MOS 77L.
- c. *Curriculum.* 2 subcourses.
- d. *Subcourses.* QM5183, QM5184.

2-252. Petroleum Laboratory Specialist Course (MOS 77L30) (Course Number: 101 M51)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SSG.
- b. *Eligibility.* Specialist or above with duty assignment in MOS 77L.
- c. *Curriculum.* 3 subcourses.
- d. *Subcourses.* QM5180, QM5181, QM5182.

Note. Above subcourses must be completed prior to attending the active duty phase for the 77L30 TATS course. Subcourses are also available individually.

2-253. Water Treatment Specialist Course (MOS 77W40) (Course Number: 101 M26)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SFC.
- b. *Eligibility.* SGT or above with duty assignment in MOS 77W.
- c. *Curriculum.* 3 subcourses.
- d. *Subcourses.* QM4922, QM4923, QM4924.

2-254. Water Treatment Specialist Course (MOS 77W30) (Course Number: 101 M25)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SSG.
- b. *Eligibility.* Specialist or above with duty assignment in MOS 77W.
- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* QM4917, QM4919, QM4918, QM4916.

Note. Above subcourses must be completed prior to attending the active duty phase for the 77W30 TATS course. Subcourses are also available individually.

2-255. Water Treatment Specialist Course (MOS 77W20) (Course Number: 101 M24)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SGT.
- b. *Eligibility.* PVT or above with duty assignment in MOS 77W.

- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* QM4913, QM4910, QM4911, QM4912.

2-256. Automated Logistical Specialist (MOS 92A50) (Course Number: 101 M31)

- a. *Objective.* To provide senior enlisted logistics personnel with the necessary skills and knowledge to enable them to perform effectively in company battalion administration and maintenance operations and in logistics staff and management positions in echelons above battalion.
- b. *Eligibility.* SFC or above with duty assignment in MOS 92A.
- c. *Curriculum.* 3 subcourses.
- d. *Subcourses.* QM2900, QM2902, QM2903.

2-257. Automated Logistical Specialist (MOS 92A40) (Course Number: 101 M30)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as noncommissioned officers in the rank of sergeant first class.
- b. *Eligibility.* SGT or above with duty assignment in MOS 92A.
- c. *Curriculum.* 2 subcourses.
- d. *Subcourses.* QM2907, QM2908.

2-258. Automated Logistical Specialist (MOS 92A30) (Course Number: 101 M29)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as noncommissioned officers in the rank of SSG.
- b. *Eligibility.* Specialist or above with duty assignment in MOS 92A.
- c. *Curriculum.* 3 subcourses.
- d. *Subcourses.* QM2911, QM2912, QM2913.

2-259. Automated Logistical Specialist (MOS 92A10/20) (Course Number: 101 M28)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as noncommissioned officers in the rank of SGT.
- b. *Eligibility.* PVT or above with duty assignment in MOS 92A.
- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* QM2918, QM2919, QM2920, QM2921.

2-260. Unit Supply Specialist Course (MOS 92Y40) (Course Number: 101 M42)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SFC.
- b. *Eligibility.* SGT or above with duty assignment in MOS 92Y.
- c. *Curriculum.* 4 subcourses.
- d. *Subcourses.* QM2021, IS7034, IS7035, IS1202.

2-261. Unit Supply Specialist Course (MOS 92Y30) (Course Number: 101 M41)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SSG.
- b. *Eligibility.* Specialist or above with duty assignment in MOS 92Y.
- c. *Curriculum.* 5 subcourses.
- d. *Subcourses.* QM2000, QM2001, QM2002, QM2003, QM2004.

2-262. Unit Supply Specialist Course (MOS 92Y20) (Course Number: 101 M40)

- a. *Objective.* To provide enlisted personnel with the knowledge and skills required to perform as NCOs in the rank of SGT.
- b. *Eligibility.* PVT or above with duty assignment in MOS 92Y.
- c. *Curriculum.* 2 subcourses.
- d. *Subcourses.* QM2063, QM2064.

2-263. Food Service Specialist Course (MOS 92G40) (Course Number: 101 M34)

- a. *Objective.* To provide enlisted personnel with knowledge and skills required to perform as Food Service Specialist in the rank of SFC.
- b. *Eligibility.* SGT or above with duty assignment in MOS 92G.
- c. *Curriculum.* 18 subcourses.

d. Subcourses. QM6165, QM6190, QM6198, QM6199, QM6230, QM6140, QM6137, IS1460, IS1705, IS7035, IS7032, IS8700, IS8701, QM6252, QM6253, QM6196, QM6197, QM6250.

2–264. Food Service Specialist Course (MOS 92G30) (Course Number: 101 M33)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as food service specialists in the rank of SSG.

b. Eligibility. Specialist or above with duty assignment in MOS 92G.

c. Curriculum. 17 subcourses.

d. Subcourses. QM6138, QM6195, QM6165, QM6166, QM6230, QM6231, QM6232, QM6233, IS0345, IS0788, IS0821, IS1460, IS1703, IS3007, IS7034, QM6139, IS7035.

2–265. Food Service Specialist Course (MOS 92G20) (Course Number: 101 M32)

a. Objective. To provide enlisted personnel with the knowledge and skills required to perform as food service specialists in the rank of SGT.

b. Eligibility. PVT or above with duty assignment in MOS 92G.

c. Curriculum. 15 subcourses.

d. Subcourses. QM0333, QM0453, QM0454, QM6196, QM0456, QM0471, QM6117, QM6118, QM6119, QM6128, QM6134, QM6136, QM6137, QM6235, IS0347.

Section XXIV

U.S. Army Recruiting Command

2–266. Delayed Entry Program Correspondence Course (Course Number: 553E D11)

a. Objective. To provide soldiers in the Delayed Entry Program (DEP), Delayed Training Program (DTP), and the Delayed Military Service Obligation (DMSO) Program with common skills training and instruction on U.S. Army programs to prepare them for service in the U.S. Army.

b. Eligibility. SPCs and below who are actively participating in either the DEP, DTP, or the DMSO Program.

c. Administration. Student requests for enrollment must be electronically processed at a U.S. Army recruiting station.

d. Curriculum. 5 subcourses.

e. Subcourses. IS0788, IN0482, IS0821, IS0344, IS1460.

Section XXV

Recruiting and Retention School (U.S. Army Soldier Support Institute)

2–267. Reenlistment NCO Course (Course Number: 805B F11)

a. Objective. To provide personnel an introduction to retention for all components of the Army. Included are several areas such as eligibility, options, and benefits that impact on the retention process for both Active and Reserve Components. Completion of this course does not qualify personnel for award of MOS 79D or MOS 79S.

b. Eligibility. This course is open to NCOs, SGT and above, who are currently assigned to or scheduled for assignment in a reenlistment NCO position.

c. Curriculum. 3 subcourses.

d. Subcourses. RR0003, IS1203, AG0301.

Section XXVI

U.S. Army Research Laboratory, Human Research and Engineering Directorate

2–268. Human Factors Engineering Course (Course Number: 887 G11)

a. General information.

(1) *Definition.* Human factors engineering (HFE) is the designing and laying out of equipment and workspace with the abilities and limitations of the human operator in mind. Human factors practitioners apply, in a systematic way, the knowledge and techniques of such fields as psychology, physiology, and engineering. They aim to design equipment that can be operated easily, quickly, accurately, and safely.

(2) *Course description.* The course contains a student supplement and 40 self-paced lessons each designed to be completed in 45 to 60 minutes over a period not to exceed 1 year. A 50-item, multiple-choice post-test is included. In order to receive credit (40 hours), the student must correctly score a minimum of 70 percent.

b. Objective. This course is not meant to make students HFE experts; it is meant to familiarize them with a

discipline that is closely allied to the design process and to the equipment user. The course covers operator/equipment interface and the need for inclusion of an HFE practitioner as a member of the equipment design team.

c. Eligibility.

(1) The HFE course may be completed by military and civilian members of both active and RC of the Army, the other uniform services, and Federal agencies.

(2) It is strongly recommended that students have 2 years of high school mathematics.

d. Curriculum. 8 subcourses and three conjunctive components shipped as one package. 40 credit hours.

e. Subcourse. HE0101.

Section XXVII

U.S. Army Signal Center and School

Several of the courses in this section contain subcourses which require specific equipment to complete. Those subcourse numbers are marked with an asterisk (*). See subcourse descriptions in chapter 3 for details on what equipment is needed. Do not enroll in these courses unless you have access to the equipment necessary to work all the subcourses.

2-269. Visual Information Officer Course (Skill 5B) (Course Number: 113 Q11)

a. Objective. To prepare the signal officer to manage an element of the Training and Audiovisual Support Center (TASC). Provides knowledge in photogenic operations, television fundamentals, television studio equipment and personnel operations.

b. Eligibility. Commissioned officers who have completed an officer advanced or officer basic course.

c. Curriculum. 8 subcourses.

d. Subcourses. IS8700, IS8711, SS0105, SS0517, SS0519, SS0507, SS0513.

2-270. RC Signal Officer Advanced Course (Course Number: 113 A11)

a. Objective. To prepare Signal Corps company grade RC officers for assignment to company level command with primary emphasis on signal operations. Area of Concentration for which trained: SC 25A (Signal).

b. Eligibility. RC commissioned officers in the rank of first lieutenant or captain who have successfully completed an Officer Basic Branch Course or Officer Advanced Branch Course.

c. Curriculum. 2 phases which must be completed in sequence.

(1) *Phase I.* Correspondence.

(a) 28 subcourses.

(b) *Subcourses.* IS7038, IS8720, IS7006, IS7045, IS1801, IS1802, SS0117, SS0118, SS0119, SS0120, SS0121, SS0122, SS0123, SS0124, SS0125, SS0029, SS0030, SS0031, SS0073, SS0130, SS0131, SS0133, SS0134, SS0135, SS0136, SS0137, SS0132, SS0139.

(2) *Phase II.* 120 hours of resident training.

2-271. Visual Information Advanced Refresher Course (CMF 25) (Course Number: 113 D11)

a. Objective. To train NCOs in advanced technical and leadership skills and knowledge of military subjects required to train and lead other soldiers at the platoon level.

b. Eligibility. Enlisted personnel must be in the rank of SSG and above and must have a duty assignment in any one of the MOSs of CMF 25 (25M/R/V/Z).

c. Curriculum. 17 subcourses.

d. Subcourses. IS1460, IS1202, IS1703, IS8700, IS8711, AG0404, IS3005, SS0105, IS1802, IS1804, IS0821, IS7034, IS7035, IS0788, FA4025, AG0010, AG0552.

2-272. Multimedia Illustrator Course (MOS 25M) (Course Number: 113 M14)

a. Objective. To teach lettering, fundamentals of drawing, visual communication, preparation of overlays, basic geometry, freehand drawing and television artwork.

b. Eligibility. Personnel in the rank of PVT and above with a duty assignment in any one of the CMF 25 MOS career fields (25M/R/V/Z). (MOS 25Q was redesignated MOS 25M.)

c. Curriculum. 5 subcourses.

d. Subcourses. SS0525, SS0526, SS0530, SS0529, SS0531.

2-273. Visual Information/Equipment Operator-Maintainer Course (MOS 25R) (Course Number: 113 M16)

a. Objective. To provide basic fundamental skills and knowledge for radio and television systems specialist equipment repair.

b. Eligibility. Personnel in the rank of PVT and above with a duty assignment in any one of the CMF 25 MOS career fields (25M/R/V/Z).

c. Curriculum. 31 subcourses.

d. Subcourses. IT0332, MM0702, MM0703, MM0704, IT0340, SA0747, IT0351, SA0746, MM0705, MM0706, AV5000, SS0311, MM0309, SS0344, IT0338, IT0339, IT0342, IT0343, IT0344, IT0345, IT0346, SA0718, SS0391, SS0602, SS0601, SS0600, SS0603, SS0604, SS0605, SS0606, SS0607.

2–274. Combat Documentation/Production Specialist (MOS 25V) (Course Number: 113 M25)

a. Objective. To provide training to qualified enlisted soldiers to document, process, and print color and black and white photography; operate still digital cameras, audio, motion picture and video equipment; transmit electronic images, maintain quality control, conduct general and combat camera photographic and video operations; and perform operator maintenance of visual information equipment.

b. Eligibility. Personnel in the rank of PVT and above with a duty assignment in any one of the CMF 25 MOS career fields (25M/R/V/Z). (Effective 1 October 1993, MOS 25P/S merged to become MOS 25V.)

c. Curriculum. 2 phases. Students must complete all phases to receive a course completion.

(1) *Phase I.* Correspondence. Track A (MOS 25S).

(a) 17 subcourses.

(b) *Subcourses.* SS0507, SS0509, SS0514, SS0515, SS0522, SS0510, SS0511, SS0512, SS0513, SS0572, SS0573, SS0574, SS0516, SS0517, SS0520, SS0508, SS0523.

(2) *Phase II.* Correspondence. Track B (MOS 25P).

(a) 10 subcourses.

(b) *Subcourses.* SS0535, SS0536, SS0524, DI0370, SS0549, SS0546, SS0547, SS0548, SS0550, SS0551.

2–275. RC Signal NCO Advanced Refresher Course (CMF 31) (Course Number: 113 D19)

a. Objective. To provide NCOs in CMF 31 with the skills and knowledge needed to plan, supervise, and direct the installation operation and maintenance of signal nodes and communications equipment and systems at division and corps level.

b. Eligibility. RC enlisted personnel must be in the rank of SSG and must have an assignment in the career field. Active Army soldiers will be selected to attend the resident course, but may also enroll to refresh or sustain their knowledge.

c. Curriculum. 21 subcourses.

d. Subcourses. IS1202, IS1703, IS1143, SS0042, IS1100, SS0018, SS0652, SS0725, SS0016, SS0732, SS0328, SS0329, SS0332, SS0009, IS0788, FA4025, IS7008, AG0404, SS0002, SS0014, SS0344.

2–276. Single Channel Radio Operator Course (MOS 31C20) (Course Number: 113 M40)

a. Objective. To provide enlisted personnel with the skills and knowledge necessary to direct the installation, operation and maintenance of tactical single channel radio and radio teletype equipment.

b. Eligibility. The student must be qualified in MOS 31C10 or be assigned to a 31C10 duty position.

c. Curriculum. 13 subcourses.

d. Subcourses. IS0788, FA4025, MM0308, MM0320, SS0002, IS1143, IS1703, SS0653, SS0655, SS0656, SS0657, SS0710, SS0716.

2–277. Radio Operator Maintainer Course (MOS 31C10) (Course Number: 113 M36)

a. Objective. This course is designed to provide the knowledge necessary to install, operate, and perform PMCS and unit level maintenance of single-channel radio, radio systems, COMSEC devices and associated equipment, and manual and automated systems to include radio teletypewriter assemblages.

b. Eligibility. A student must be qualified in MOS 31C or be assigned to a 31C duty position.

c. Curriculum. 14 subcourses. (For explanation of * next to subcourse numbers, see note at the beginning of this section.)

d. Subcourses. IS3005, IS1100, SS0018, SS0014, SS0713, *SS9455, SS0652, SS0657, SS0710, SS0711, IS1143, SS0754, SS0755, SS0002.

2–278. Network Switching Systems Operator Maintainer Course (MOS 31F10) (Course Number: 113 M09)

a. Objective. This course is designed to provide enlisted personnel with a working knowledge to install, operate, and maintain the AN/TTC–41(V2) and SB–3614A(V)/TT.

b. Eligibility. Students must have a duty assignment in MOS 31F.

c. Curriculum. 6 subcourses. (For explanation of * next to subcourse numbers, see note at the beginning of this section.)

d. *Subcourses.* SS0018, *SS9804, *SS9805, *SS9806, *SS9807, *SS9808.

2-279. Antenna Installation Course (MOS 31L ASI F2) (Course Number: 113 Q13)

a. *Objective.* This course is designed to provide knowledge to perform basic procedures and techniques involved in the installation and maintenance of pole and steel tower antennas.

b. *Eligibility.* A student must have a duty assignment in CMF 31.

c. *Curriculum.* 12 subcourses. (For explanation of * next to subcourse numbers, see note at the beginning of this section.)

d. *Subcourses.* MM0308, MM0651, SS0713, IS1143, IS0788, *SS0437, SS0439, SS0440, SS0441, SS0442, SS0443, SS0444.

2-280. Cable Splicing Course (MOS 31L ASI F6) (Course Number: 113 M48)

a. *Objective.* Course provides knowledge to prepare, test and join insulated conductors in multiple-conductor cables.

b. *Eligibility.* A student must have a duty assignment in CMF 31.

c. *Curriculum.* 10 subcourses. (For explanation of * next to subcourse numbers, see note at the beginning of this section.)

d. *Subcourses.* MM0308, SS0713, MM0651, *SS0437, SS0439, SS0440, SS0441, SS0442, SS0443, SS0444.

2-281. Wire Systems Installer Course (MOS 31L30/31W40) (Course Number: 113 M50)

a. *Objective.* This course is designed to provide knowledge to supervise subordinates; prepare technical and administrative reports; coordinate and supervise organizational training and technical operating activities of the unit.

b. *Eligibility.* A student must be an SSG or above and be qualified in MOS 31L30 and 31W40 or any MOS holder who has been promoted or reclassified in MOS 31L and 31W.

c. *Curriculum.* 9 subcourses. (For explanation of * next to subcourse numbers, see note at the beginning of this section.)

d. *Subcourses.* IS1703, SS0431, *SS0437, SS0439, SS0440, SS0441, SS0442, SS0443, SS0444.

2-282. Cable Systems Installer/Maintainer Course (MOS 31L10) (Course Number: 113 M01)

a. *Objective.* This course is designed to provide knowledge necessary to install, maintain troubleshoot and recover field cable and field wire systems.

b. *Eligibility.* A student must have a duty assignment in CMF 31.

c. *Curriculum.* 14 subcourses. (For explanation of * next to subcourse numbers, see note at the beginning of this section.)

d. *Subcourses.* IS0788, FA4025, SS0713, MM0308, SS0431, *SS0437, SS0438, SS0439, SS0440, SS0441, SS0442, SS0443, SS0444.

2-283. Microwave Systems Operator/Maintainer Course (MOS 31P) (Course Number: 113 M30)

a. *Objective.* To train personnel to configure, align, and perform maintenance on telecommunications and technical control equipment and associated COMSEC devices. Monitors, fault isolates, and restores telecommunications systems/circuits and associated interface equipment. Maintains system/circuit and station records and reports. Operates and performs preventive maintenance checks and services on telecommunications equipment, vehicles, and power generators.

b. *Eligibility.* Student must be assigned as a microwave systems operator/repairer (formerly MOS 29V10) or communications systems/circuit controller (formerly MOS 31N10).

c. *Curriculum.* 24 subcourses

(d) *Subcourses.* MM0651, SS0713, MM0308, MM0309, MM0320, MM0323, MM0324, SS0002, SS0732, SS0016, SS0345, SS0344, MM0750, MM0327, *SS9782, *SS9783, SS0328, SS0329, SS0330, SS0333, SS0332, SS0334, SS0031, SS0042.

Note. This course reflects realignment training of MOS 31N and MOS 29V which became MOS 31P in June 1994.

2-284. Circuit Conditioning Course (MOS 31P) (Course Number: 113 G15)

a. *Objective.* To introduce the student to the theories and principles involved in circuit conditioning.

b. *Eligibility.* Any student who meets the basic qualifications for correspondence study.

c. *Curriculum.* 6 subcourses.

d. *Subcourses.* SS0330, SS0328, SS0329, SS0332, SS0333, SS0334.

2-285. Multichannel Transmission Systems Operator/Maintainer Course (MOS 31R10) (Course Number: 113 M07)

a. *Objective.* This course is designed to provide the knowledge necessary to install, operate and perform operator

maintenance on low and medium capacity pulse code modulation equipment and communications security devices and to develop the manual proficiency required to attain the skill level of a journeyman multichannel equipment operator for the transmitters, receivers, multiplexers, repeaters, converters, carrier terminals, generators, antennas, and communications security devices in the multichannel systems.

b. Eligibility. Student must have a duty assignment in MOS 31R.

c. Curriculum. (Parallels resident POI.) 5 subcourses.

d. Subcourses. SS0018, SS0732, SS0344, SS0345, SS0098.

2–286. Signal Support System Specialist Course (MOS 314) (Course Number: 113 M18).

2 phases.

a. Objective. To provide the Tactical Communications Chief with the skills and knowledge necessary to plan, supervise and direct the installation, operation, and maintenance of tactical communication equipment and systems.

b. Eligibility. Student must have an assignment in MOS 31U and be SGT or above. See below for track eligibility requirements.

c. 16 subcourses.

d. Subcourses. SS9457, SS0713, IT0332, 0D1633, IT0335, SS0710, SS9736, SS0719, SS0721, SS0725, SS0711, SS0717, SS0014, SS0728, SS0754, SS0755.

2–287. Signal Leadership Course (Course Number: 113 D23)

a. Objective. To provide selected enlisted personnel with a working knowledge and the skills required to perform basic leadership tasks.

b. Eligibility. Enlisted personnel must be in the rank of specialist through SGT and qualified in a signal MOS.

c. Curriculum. 9 subcourses.

d. Subcourses. IS1600, IN1013, IN0201, IN0202, IS3005, IS0788, SS0713, IS1100, IS1203.

Section XXVIII

U.S. Army Training and Doctrine Command, Office of the Deputy Chief of Staff for Training

2–288. Supervisor Development Course (SDC) (Course Number 131 F21)

Note. Replaces Course Number 131 F11 (ST 5000) which is now obsolete.

a. Objective. To provide training in basic supervisory and human resources skills to newly appointed (first time) supervisors.

b. Eligibility. Per AR 690-400, chapter 410, newly appointed DA civilian or military supervisors who supervise DA civilians must complete this course. Also open to any applicant eligible to enroll in the Army Correspondence Course Program.

c. Administration. The SDC is available as an interactive, online presentation. Enroll through AIPD's Web site, <http://www.atsc.army.mil/accp/aipd.htm>

d. Curriculum. Two subcourses. To receive credit for completing the SDC, the student must take both subcourses.

(1) *ST 5001, Managing and Leading.* Twelve lessons, 21 credit hours. Provides techniques for managing work and leading people. Covers management and leadership processes including planning, organizing, coordinating, directing, and controlling. Also includes lessons on delegating authority, problem solving, communicating effectively, and ethics.

(2) *ST 5002, Human Resources Management.* Eleven lessons, 18 credit hours. Provides training to enable a supervisor to use personnel management and training procedures to ensure mission accomplishment and subordinates' professional growth. Includes lessons on position classification, staffing, human resources development, performance management, awards, discipline, and labor relations.

2–289. Manager Development Course (MDC). (Course Number 131 F31)

a. Objective. To introduce new managers to the skills necessary to perform managerial duties at a high level in a diverse organization.

b. Eligibility. Per AR 690-400, chapter 410, newly appointed DA civilian managers whose responsibilities include managing the work of subordinate supervisors must complete this course. Also open to any applicant eligible to enroll in the Army Correspondence Course Program.

c. Administration. The MDC is available as an interactive, online presentation. Enroll through AIPD's Web site, <http://www.atsc.army.mil/accp/aipd.htm>

d. Curriculum. One subcourse. *ST 6000, Manager.* Nine lessons, 12 credit hours. Provides techniques for managing work and leading people. Covers management processes including organizational culture, budgeting, management control, managing change, strategic planning, and professional ethics.

2-290. Action Officer Development Course (AODC). (Course Number 131 F41)

a. Objective. To enable action officers and other staff members to acquire basic staff and communication skills at any level of an organization.

b. Eligibility. Per AR 690-400, chapter 410, DA interns and newly appointed journeymen must complete this course. Warrant Officers. Mandatory prerequisite for attending the resident phase of the Warrant Officer Advanced Course (WOAC). WO candidates must complete this course before attending resident WOAC training. Also open to any applicant eligible to enroll in the Army Correspondence Course Program.

c. Administration. The AODC is available as an interactive, online presentation. Enroll through AIPD's Web site, <http://www.atsc.army.mil/accp/aipd.htm>

d. Curriculum. One subcourses. *ST 7000, Action Officer.* Eleven lessons and five appendices, 21 credit hours. Lessons cover management techniques and communication skills including preparing documents for staffing, meetings and interviews, problem solving, writing, coordinating, briefings, and ethics. Appendices are job aids for preparing documents, managing time, and creating ideas.

Section XXIX

U.S. Army Training Support Center

2-291. NCO Primary Leadership Subjects Course (Course Number: 553B D21)

a. Objective. To provide selected skills and knowledge needed to succeed in the first duty assignment as a noncommissioned officer. Soldiers intending to enroll in this course should do so prior to attending PLDC.

b. Eligibility. Soldiers in the rank E4 (SPC/CPL) and below.

c. Curriculum. 3 subcourses.

d. Subcourses. PD2201, PD2202, PD2203.

2-292. NCO Basic Leadership Subjects Course (Course Number: 553B D31)

a. Objective. To provide selected skills and knowledge needed to succeed in leadership positions in the rank of SSG. Soldiers intending to enroll in this course should do so prior to attending BNCOC.

b. Eligibility. Soldiers in the rank of E5 and above.

c. Curriculum. 3 subcourses.

d. Subcourses. PD2301, PD2302, PD2303.

2-293. Standards in Weapons Training Course (Course Number: 553C F13)

a. Objective. To provide instruction on combat arms branch organizations and missions, as well as knowledge essential for familiarization with the STRAC process.

b. Eligibility. Officers or NCOs (SSG and above) assigned to duties associated with training plans or operations.

c. Curriculum. 11 subcourses.

d. Subcourses. IS0500, IN0503, IN0478, IN0479, FA8151, EN0053, MM2599, MM4632, MM4646, PD2203, PD2303.

Section XXX

Transportation Branch Courses (Combined Arms Support Command)

2-294. RC Transportation Officer Advanced Course (Course Number: 551 A11)

a. Objective. To prepare Transportation Corps officers for command at unit level and for staff assignments at battalion or comparable levels. The primary focus is on company operations in the environment of the battalion, brigade, or other appropriate echelon.

b. Eligibility. RC commissioned officers of the Army (minimum grade first lieutenant) not on extended active duty. Must have completed an officer basic course. Students must meet the standards of AR 600-9, AR 140-1 and AR 350-15 upon enrollment and for the duration of the course.

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence. Must complete phase I before attending phase II.

(a) 13 subcourses.

(b) *Subcourses.* IS1801, IS1802, IS7006, IS7038, IS7045, IS8720, TR1009, TR1022, TR1025, TR1029, TR1030, TR2028, TR2013.

(2) *Phase II.* 2 weeks resident training taught by the academic departments of the Transportation School.

2-295. Locomotive Repairer (MOS 88P) (Course Number: 551 M18)

a. Objective. To provide training for enlisted personnel holding or desiring to prepare for this MOS. An MOS

cannot be attained by correspondence study alone; however, some of these subcourses teach theory and principles essential to the specialties, and some give general information and background helpful in MOS preparation.

b. Eligibility. This course is open to soldiers possessing MOS 88P or assigned to an MOS 88P position.

c. Curriculum. 9 subcourses.

d. Subcourses. OD1650, OD1651, OD1654, QM0113, QM0114, QM0115, TR0655, TR0656, TR0675.

2–296. Track Maintainer (MOS 88T) (Course Number: 551 M24)

a. Objective. To provide training for enlisted personnel holding or desiring to prepare for this MOS. An MOS cannot be attained by correspondence study alone; however, some of these subcourses teach theory and principles essential to the specialties, and some give general information and background helpful in MOS preparation.

b. Eligibility. This course is open to soldiers possessing MOS 88T or assigned to an MOS 88T position.

c. Curriculum. 2 subcourses.

d. Subcourses. TR0670, TR0671.

2–297. Train Crew Member (MOS 88U) (Course Number: 551 M26)

a. Objective. To provide training for enlisted personnel holding or desiring to prepare for this MOS. An MOS cannot be attained by correspondence study alone; however, some of these subcourses teach theory and principles essential to the specialties, and some give general information and background helpful in MOS preparation.

b. Eligibility. This course is open to soldiers possessing MOS 88U or assigned to an MOS 88U position.

c. Curriculum. 7 subcourses.

d. Subcourses. TR0635, TR0636, TR0638, TR0640, TR0656, TR0660, TR0690.

Chapter 3

Subcourse Listings for Consolidated ACCP

3–1. Individual subcourse enrollment information

For each subcourse you complete, you will receive a subcourse completion notice. Course completion notices cannot be earned through individual subcourse enrollment. Even though you may complete all subcourses that make up a course, you must be enrolled in the course itself to receive a course completion notice.

3–2. Subcourse listings

Tables 3–1 through 3–28 list subcourse numbers, titles, and descriptions for the consolidated ACCP proponents' subcourses.

3–3. Electronic Subcourses

Visit the General Dennis J. Reimer Training & Doctrine Digital Library at <http://www.adtdl.army.mil> to view subcourses that are available only in electronic format.

Table 3–1
Air Defense Artillery subcourses (AD)

Subcourse: AD0400

Title: Patriot System Orientation and Alignment.

Description: Basic procedures involved with M2 aiming circle. How to measure angles, determine location by graphic resection and declinate an M2 aiming circle. (Prerequisite: AD0415.) MOS: 14E/14T. Crd hrs: 5.

Subcourse: AD0401

Title: Corrective Maintenance of the Patriot Radar Set, Part I.

Description: Corrective maintenance procedures of the radar set antenna/shelter positioning system and the digital azimuth control unit. (Prerequisite: AD0449.) MOS: 14E. Crd hrs: 8.

Subcourse: AD0402

Title: Patriot System Vehicles.

Description: Familiarization of the system vehicles used in the Patriot unit. (Prerequisite: AD0415.) MOS: 14E/14T. Crd hrs: 8.

Subcourse: AD0403

Title: Patriot Launching Station (LS) Organizational Level Preventive Maintenance Checks and Services (PMCS).

Description: Explains the technical operating principles of the LS major components. Familiarization of the LS PMCS at the organizational level. (Prerequisite: AD0449.) MOS: 14T. Crd hrs: 8.

Subcourse: AD0404

Table 3–1
Air Defense Artillery subcourses (AD)—Continued

Title: Patriot Missile Reload and Crane Operations.

Description: Basic procedures involved with the Patriot missile reload and crane operations. (Prerequisites: AD0415 and AD0421.) MOS: 14T. Crd hrs: 6.

Subcourse: AD0406

Title: Denial and Destruction of Patriot Equipment.

Description: Explains the denial and destruction methods used to render Patriot system equipment useless to the enemy. MOS: 14E/14T. Crd hrs: 5.

Subcourse: AD0407

Title: Patriot Launching Station (LS) Preventive Maintenance Checks and Services (PMCS) and Guided Missile Canister (GMC) Corrective Maintenance.

Description: Procedures involved with PMCS on the LS and the GMC. Procedures for corrective maintenance on the GMC. (Prerequisites: AD0415, AD0402, AD0400, AD0417, AD0421, and AD0404.) MOS: 14T. Crd hrs: 5.

Subcourse: AD0415

Title: Introduction to the Patriot Air Defense Missile System.

Description: Familiarization of the technical and tactical context for the Patriot Air Defense Missile System and the functions and purpose of each end item. MOS 14E/14T. Crd hrs: 6.

Subcourse: AD0416

Title: Patriot Engagement Control Station (ESC) Operations.

Description: Basic procedures involved with the ECS initialization. Deactivation and activation of a fire platoon and the engagement of targets at the ECS. (Prerequisite: AD0419.) MOS: 14E. Crd hrs: 11.

Subcourse: AD0417

Title: Patriot System and Missile Safety.

Description: Basic concepts associated with the personal dangers of a Patriot Firing Battery. Information on radio frequency hazards, radar safety, noise hazards, electrical safety, and missile safety. (Prerequisites: AD0415, AD0402, and AD0400.) MOS: 14E/14T. Crd hrs: 5.

Subcourse: AD0418

Title: Corrective Maintenance of the Engagement Control Station (ECS) and Information and Coordination Central (ICC).

Description: Identifies and describes the corrective maintenance procedures for the ECS and the ICC. (Prerequisite: AD0449.) MOS: 14E. Crd hrs: 24.

Subcourse: AD0419

Title: Emplacement and March Order Procedures for the Patriot Engagement Control Station (ECS) and the information and Coordination Central (ICC).

Description: Basic procedures involved with ECS and ICC emplacement and march order. (Prerequisites: AD0415, AD0402, AD0448, AD0417, and AD0400.) MOS: 14E. Crd hrs: 8.

Subcourse: AD0421

Title: Emplacement and March Order Procedures for the Patriot Launching Station (LS).

Description: Sustainment training on the fundamentals and general concepts of LS emplacement and march order procedures. Subsystem components of the LS and procedures of emplacement and march order. (Prerequisites: AD0415, AD0402, AD0448, AD0400, and AD0417.) MOS: 14T. Crd hrs: 6.

Subcourse: AD0423

Title: Introduction to the Patriot Radar Set (RS).

Description: Familiarization with the RS major components and their operation. Operator/maintainer preventive maintenance checks and services. (Prerequisites: AD0415, AD0402, AD0417, AD0448, and AD0400.) MOS: 14E. Crd hrs: 10.

Subcourse: AD0424

Title: Corrective Maintenance of the Patriot Radar Set (RS), Part II.

Description: Corrective maintenance of the RS power distribution and control, control unit group, shelter environment control, and radar antenna system group. (Prerequisite: AD0401.) MOS: 14E. Crd hrs: 8.

Subcourse: AD0425

Title: Corrective Maintenance of the Patriot Radar Set (RS), Part III.

Description: Corrective maintenance procedures of the RS radar receiver group: input/output control unit, waveform generator, pulse expansion, and front ends. (Prerequisites: AD0401 and AD0424.) MOS: 14E. Crd hrs: 8.

Subcourse: AD0426

Title: Corrective Maintenance of the Patriot Radar Set (RS), Part IV.

Table 3-1
Air Defense Artillery subcourses (AD)—Continued

Description: Corrective maintenance procedures of the RS transmitter drive amplifier, transmitter final amplifier, exciter, and signal processor group. (Prerequisites: AD0401, AD0424, and AD0425.) MOS: 14E. Crd hrs: 24.

Subcourse: AD0437

Title: Corrective Maintenance of the Patriot Radar Set (RS), Part V.

Description: Corrective maintenance procedures of the RS radar receiver group: search track intermediate frequency, electronic counter-countermeasures, and track via missile. (Prerequisites: AD0401, AD0424, AD0425, and AD0426.) MOS: 14E. Crd hrs: 24.

Subcourse: AD0438

Title: Identification Friend or Foe (IFF).

Description: Familiarization with the operation, PMCS, and corrective maintenance of the Patriot radar set IFF system. (Prerequisite: AD0423.) MOS: 14E. Crd hrs: 6.

Subcourse: AD0439

Title: Emplacement and March Order of the Radar Set.

Description: Basic procedures involved with Patriot radar set emplacement and march order. (Prerequisite: AD0423.) MOS: 14E. Crd hrs: 4.

Subcourse: AD0440

Title: Emplacement and March Order of the Communications Relay Group (CRG).

Description: Basic concept of the CRG emplacement and march order. How to remove and install the modular collective protective equipment A108 and how to perform CRG and antenna mast group PMCS. (Prerequisites: AD0415, AD0402, AD0448, AD0400, and AD0417.) MOS: 14E/31F/31M/31R. Crd hrs: 5.

Subcourse: AD0441

Title: Patriot Communications System Initialization.

Description: Familiarization with the communications relay group initialization and rapid emergency power down procedures. (Prerequisite: AD0440.) MOS: 14E/31F/31M/31R. Crd hrs: 6.

Subcourse: AD0442

Title: Corrective Maintenance of the Patriot Launching Station (LS), Part I.

Description: Familiarization with the corrective maintenance of the Patriot LS test equipment: missile round cable test set and launching station test set. (Prerequisite: AD0449.) MOS: 14T. Crd hrs: 6.

Subcourse: AD0443

Title: Corrective Maintenance of the Patriot Launching Station (LS), Part II.

Description: Familiarization with the corrective maintenance of the Patriot LS electrical components. (Prerequisite: AD0442.) MOS: 14T. Crd hrs: 15.

Subcourse: AD0444

Title: Corrective Maintenance of the Patriot Launching Station (LS), Part III.

Description: Familiarization with the corrective maintenance procedures of the Patriot LS launcher mechanics. (Prerequisites: AD0442 and AD0443.) MOS: 14T. Crd hrs: 8.

Subcourse: AD0447

Title: Corrective Maintenance of the Antenna Mast Group (AMG).

Description: Basic corrective maintenance procedures for the hydraulic-pneumatic assembly and the electronic assembly of the AMG. (Prerequisite: AD0449.) MOS: 14E/31F/31M/31R. Crd hrs: 15.

Subcourse: AD0448

Title: Patriot Systems Communications.

Description: Basic communications and communications equipment used in a Patriot battalion or battery. (Prerequisite: AD0415.) MOS: 14E/14T/31F/31M/31R. Crd hrs: 8.

Subcourse: AD0449

Title: Patriot Maintenance Management.

Description: Basic information on Patriot maintenance forms and records necessary to perform maintenance management. (Prerequisites: AD0415, AD0402, AD0448, AD0400, and AD0417.) MOS: 14E/14T. Crd hrs: 4.

Subcourse: AD0470

Title: Corrective Maintenance of the Patriot Communications Relay Group (CRG).

Description: Basic corrective maintenance techniques used on the Patriot CRG. (Prerequisite: AD0472.) MOS: 14E/31F/31M/31R. Crd hrs: 4.

Subcourse: AD0471

Title: Patriot Operations and Intelligence.

Table 3–1
Air Defense Artillery subcourses (AD)—Continued

Description: How to emplace and march order the battalion tactical operations center, prepare a Surface-to-Air Missile Status Report (SAMREP), and collect and process information from subordinate, adjacent, supported units and higher echelons. (Prerequisites: AD0415, AD0402, and AD0448.) MOS: 14E/14T. Crd hrs: 6.

Subcourse: AD0472

Title: Emplacement and March Order Procedures of the Electric Power Unit II (EPU II).

Description: Basic procedures involved with emplacement, march order, and operator level PMCS of the EPU II. (Prerequisite: AD0440.) MOS: 14E/31F/31M/31R. Crd hrs: 4.

Subcourse: AD0473

Title: Patriot Information and Coordination Central (ICC) Operations.

Description: Basic procedures involved with initialization and data modem operations at the ICC. PMCS for the ICC and engagement control station shelters. (Prerequisite: AD0416.) MOS: 14E. Crd hrs: 10.

Subcourse: AD0497

Title: Deploy Mast Group Hydraulic-Pneumatic OA–9054(V)4/G (Patriot Communications System).

Description: Enables the soldier, along with two additional crew members, to perform march order, emplacement, operations, and deployment of the antenna mast group. MOS: 14E/31F/31M/31R. Crd hrs: 8.

Subcourse: AD0520

Title: The Aiming Circle.

Description: The use and care of the M2 aiming circle. MOS: 14E/14T. Crd hrs: 1.

Subcourse: AD0575

Title: Introduction to MANPAD (14S/14M) System Stinger.

Description: System description and operation; preventive maintenance checks and services; training devices and procedures; organization, drill, and engagement. MOS: 14S (SL 1–4). Crd hrs: 8.

Subcourse: AD0699

Title: History of Air Defense Weapon Systems.

Description: The origins and development of Air Defense Artillery (ADA); description of current ADA weapons systems; and a look at future ADA weapons systems. MOS: 14Z. AOC: 14E/14B. Crd hrs: 6.

Subcourse: AD0700

Title: Army Air Defense Operations.

Description: Addresses the history of U.S. Army Air Defense. Presents the air defense capabilities of our ADA weapon systems, their operations, and the organizations of those systems. MOS: 14E/14M. Crd hrs: 10.

Subcourse: AD0717

Title: RSOP, Cover and Deception for ADA Units.

Description: Purpose, methods, and planning sequence of reconnaissance, selection, and occupation of position (RSOP). Position reconnaissance and displacement planning; occupation of position; composition and duties of the RSOP party; and special RSOP considerations. MOS: 14E/14T/14J. Crd hrs: 3.

Subcourse: AD5901

Title: IFF Programmer/Battery Charger.

Description: Procedures used in maintaining and operating the identification, friend or foe (IFF) Programmer/Battery Charger used with the Stinger and Chaparral weapon systems. MOS: 14S/14M. Crd hrs: 6.

Subcourse: AD5903

Title: Conduct MANPAD System Training Using Moving Target Simulator.

Description: Procedures and equipment used to train and evaluate Stinger and Redeye gunners by simulating aircraft engagements. Covers operation of the moving target simulator and the tracking head trainers for the Stinger and Redeye. MOS: 14S/14M. Crd hrs: 6.

Table 3–2
Adjutant General subcourses (AG)

Subcourse: AG0010

Title: Fundamentals, Procedures, and Techniques of Personnel Management.

Description: Describes the objectives, principles, and methods of implementing personnel management including the commander's role in personnel management; the types, interpretation, and administration of Army personnel tests; the techniques of interviewing and counseling; and the qualifications of interviewers. Crd hrs: 9.

Subcourse: AG0018

Table 3-2
Adjutant General subcourses (AG)—Continued

Title: Officer Professional Development and Utilization.

Description: Purpose of officer accessions, utilization, and attendance at military schools and how the Army effects officer accessions, utilization, and attendance at military schools. Crd hrs: 3.

Subcourse: AG0034

Title: Authorized and Unauthorized Absences.

Description: Policy on leaves of absence, purposes and types of leave and computation of leave. Also, administrative procedures taken for absence without leave and desertion. Crd hrs: 6.

Subcourse: AG0101

Title: Classified Documents Procedures.

Description: Instruction on how to inventory, downgrade and declassify, and destroy classified documents. Crd hrs: 4.

Subcourse: AG0104

Title: Administering the Forms Management Program.

Description: How to review requests for new and revised forms, research form files, and approve or disapprove requests by using the proper review form. Crd hrs: 2.

Subcourse: AG0109

Title: Establish/Review Distribution and Mail Routing Guide Procedures.

Description: How to establish and review a distribution formula, establish and update the correspondence/mail routing guide, and review the routing of incoming correspondence. Crd hrs: 5.

Subcourse: AG0200

Title: Preparing Casualty Feeder Report, DA Form 1156 (Casualty Feeder Report).

Description: Instruction on the preparation of the DA Form 1156. Crd hrs: 2.

Subcourse: AG0218

Title: Using Military Publications and Establishing Files.

Description: Describes the basic structure and organization used in Army publications, procedures for determining the current editions of publications, and the elements of correctly established Army files. Crd hrs: 8.

Subcourse: AG0222

Title: Preparing Special Purpose Memorandums and Letters.

Description: How to format and prepare special purpose memorandums and letters. Crd hrs: 4.

Subcourse: AG0301

Title: The Enlisted Military Occupational Specialty (MOS) System.

Description: The enlisted grade structure; the composition and uses of MOS titles and codes; and the organization and use of AR 611-201, Enlisted Career Management Fields and Military Occupational Specialties. Crd hrs: 8.

Subcourse: AG0340

Title: Adjudicating Personal Property Claims: Part I.

Description: How to adjudicate a personal property claim by determining if the claim is cognizable or within the jurisdiction of chapter 11, AR 27-20; determine if the types, quantities, and ownership of the properties are payable or not payable; ascertain whether the claimant had supplemental protection; verify that the claim was presented in the proper form and within the time limits; and verify that items claimed are properly substantiated, evaluated, adjudicated, and settled. Crd hrs: 7.

Subcourse: AG0342

Title: Adjudicating Personal Property Claims: Part II.

Description: Procedures for determining if the claim is cognizable; determining if the types, quantities, and ownership of the properties are payable; ascertaining whether the claimant had supplemental protection; verifying that the claim was presented in the proper form and within the time limitations; and verifying that items claimed are properly substantiated, evaluated, adjudicated, and settled. Crd hrs: 7.

Subcourse: AG0344

Title: Reviewing and Processing Claims.

Description: How to verify and process claims under Article 139, Uniform Code of Military Justice, and how to verify and process claim payment vouchers SF 1034 (Public Voucher for Purchases and Services Other than Personal). Crd hrs: 8.

Subcourse: AG0346

Title: Reviewing Record of Nonjudicial Punishment Proceedings.

Description: How to review a DA Form 2627 (Record of Proceedings Under Article 15, UCMJ) and a DA Form 2627-2 (Record of Supplementary Action Under Article 15, UCMJ). Crd hrs: 8.

Subcourse: AG0348

Table 3–2**Adjutant General subcourses (AG)—Continued**

Title: Reviewing Courts-Martial Convening Orders and Courts-Martial Orders.

Description: How to review a court-martial convening order and review an initial court-martial promulgating order. Crd hrs: 8.

Subcourse: AG0350

Title: Reviewing Article 32 Investigations and Chapter 10 Discharges.

Description: How to review an endorsement appointing an Article 32 Investigating Officer and verify that all correspondence and forms are prepared correctly and completely. Crd hrs: 7.

Subcourse: AG0352

Title: Maintaining a Law Library.

Description: How to identify and maintain accountable and nonaccountable materials, prepare receiving vouchers, prepare shelf list cards, and identify information needed to properly mark library materials. Crd hrs: 7.

Subcourse: AG0353

Title: Researching Federal Statutes Using the United States Code Annotated.

Description: How to research and report on Federal statutes using the United States Code Annotated. Contains instruction on how to use topic, descriptive word, and popular name methods of research. Crd hrs: 7.

Subcourse: AG0354

Title: Researching Court Decisions: Part I.

Description: How to research various digests of courts-martial case appeal decisions and prepare and submit reports on those decisions. Crd hrs: 7.

Subcourse: AG0356

Title: Researching Court Decisions: Part II.

Description: How to research and report on appellate court decisions using the National Reporter System. (Prerequisite: AG0354.) Crd hrs: 7.

Subcourse: AG0404

Title: The Modern Army Recordkeeping System (MARKS).

Description: Covers principles, concepts, and program management; disposition and labeling procedures; filing procedures and retrieval; records transfer and retirement; and Records Holding Areas and Records Centers. Crd hrs: 8.

Subcourse: AG0409

Title: Freedom of Information and Privacy Acts.

Description: Principles of the Freedom of Information and Privacy Acts and their provisions. Explains the responsibilities of the recordkeepers and the statutory requirements necessary for their compliance with the acts. Outlines DOD's and DA's implementation of the acts. Crd hrs: 6.

Subcourse: AG0510

Title: Personnel Actions: Administrative Discharges.

Description: How to review a recommendation for separation based on unsatisfactory performance and on misconduct. Also covers review of the application for hardship/dependency separation. Crd hrs: 2.

Subcourse: AG0514

Title: Maintaining and Controlling Log Books.

Description: How to review a DA Form 4809–R (Meal Card Control Register) and a DA Form 4179–R (Leave Control Log). Crd hrs: 5.

Subcourse: AG0516

Title: The Noncommissioned Officer Evaluation Reporting System (NCOERS).

Description: Introduces preparation of Noncommissioned Officer Evaluation Reports which includes the actions required of the rated NCO and the responsibilities of all the rating officials in the completion of DA Forms 2166–7 (Noncommissioned Officer Evaluation Report) and 2166–7–1 (NCO Counseling Checklist/Record). This subcourse emphasizes the need for counseling and coaching by the rater. Crd hrs: 5.

Subcourse: AG0520

Title: Personnel Actions: Deferment/Reassignment Requests.

Description: How to review sections II and III of DA Form 4187 (Personnel Action), Request for Deferment from Overseas Assignment at Unit Level, and Request for Reassignment at Unit Level. Crd hrs: 8.

Subcourse: AG0522

Title: Processing Enlisted Advancements/Establishing Promotion Boards.

Description: How to review the Enlisted Promotion Report (CO1), and to establish and review promotion board proceedings. Crd hrs: 5.

Subcourse: AG0530

Title: Review Classification and Utilization of Military Personnel.

Table 3–2
Adjutant General subcourses (AG)—Continued

Description: How to review MOS classification and reclassification actions and how to review the Unit Manning Report. Crd hrs: 8.

Subcourse: AG0532

Title: Reviewing Promotion Recommendations and Worksheet, DA Form 3355 (Promotion Point Worksheet).

Description: How to review promotion recommendations for ranks of SGT and SSG and to review and verify DA Form 3355 (Promotion Point Worksheet). Crd hrs: 5.

Subcourse: AG0534

Title: Reviewing/Monitoring Officer Promotions.

Description: Covers basic procedures to be followed in reviewing and monitoring officer promotions to 1LT/CW2 using DA Form 78-R (Recommendation for Promotion to 1LT/CW2). Crd hrs: 2.

Subcourse: AG0536

Title: Reviewing Applications for Service School Attendance and Requests for Special Assignments.

Description: How to review requests for attendance at a service school and review requests for special assignments. Crd hrs: 6.

Subcourse: AG0541

Title: Reviewing dropped from rolls (DFR) Packets.

Description: How to review DFR packets and assemble the required documents before forwarding to the appropriate agency. Crd hrs: 3.

Subcourse: AG0542

Title: Reviewing the Military Personnel Records Jacket.

Description: How to review a DD Form 93 (Record of Emergency Data); audit a DA Form 201; monitor the transfer of personnel records; and review the DA Form 3180 (Personnel Screening and Evaluation Record). Crd hrs: 9.

Subcourse: AG0544

Title: Reviewing Separation Documents.

Description: How to review separation documents. Crd hrs: 4.

Subcourse: AG0550

Title: Reviewing Officer Procurement Applications.

Description: How to review warrant officer aviation training applications; officer candidate school applications; Regular Army applications; and U.S. Army reserve appointment applications. Crd hrs: 9.

Subcourse: AG0552

Title: Verifying Retirement Applications, Counseling Service Members on SBP, and Reviewing Requests for REFRAD.

Description: How to review a retirement application, to counsel service members on the Election of Options for Survivor Benefits Plan (SBP), and to review a request for release from active duty or resignation. Crd hrs: 8.

Subcourse: AG0554

Title: Monitoring Line of Duty Investigations and Reviewing Casualty Reports.

Description: How to monitor line of duty investigations and review casualty reports. Crd hrs: 5.

Subcourse: AG0556

Title: Request for Reassignment Due to Extreme Family Problems.

Description: How to review a Request for Reassignment due to extreme family problems. Crd hrs: 4.

Subcourse: AG0558

Title: Reviewing and Monitoring DA Form 268 (Report to Suspend Favorable Personnel Actions (Flag)), Reviewing a DA Form 4126–R (Bar to Reenlistment Certificate), and Reviewing Request for the Good of the Service Discharge.

Description: How to review and monitor DA Form 268, review DA Form 4126–R, and monitor a Request for a Good of Service Discharge. Crd hrs: 5.

Subcourse: AG0586

Title: Selecting a Detail Using a Duty Roster.

Description: How to use the Duty Roster to select a detail. Crd hrs: 3.

Subcourse: AG0602

Title: Certifying Unit/MILPO Transmittal Letters.

Description: How to certify Unit/MILPO Transmittal Letters. Crd hrs: 2.

Subcourse: AG0606

Title: Reviewing Requests for Reassignment.

Description: How to recommend disposition of a DA Form 3739 (Application for Compassionate Actions) and DA Form 4187. Crd hrs: 4.

Table 3–2
Adjutant General subcourses (AG)—Continued

Subcourse: AG0608

Title: Assigning Military Personnel.

Description: How to determine and recommend the unit of assignment for enlisted personnel in the rank of private through master sergeant/first sergeant. Crd hrs: 3.

Subcourse: AG0609

Title: Using the Unit Manning Report (UMR).

Description: How to identify malassignments of personnel using the Unit Manning Report. Crd hrs: 3.

Subcourse: AG0610

Title: Recommending Disposition of Reclassification Actions.

Description: How to recommend the disposition of MOS reclassification actions. Crd hrs: 3.

Subcourse: AG0613

Title: Certify Enlisted Retirement Applications.

Description: How to verify retirement eligibility, identify errors in the DA Form 2339 (Application for Voluntary Retirement), and identify appropriate approval procedures. Crd hrs: 2.

Subcourse: AG0619

Title: Certifying Casualty Reports.

Description: How to certify a casualty message, DD Form 173/1 (Joint Message Form) (peacetime and wartime); and how to review a Sympathy/Condolence Letter. Crd hrs: 3.

Subcourse: AG0622

Title: Handling Classified Documents.

Description: Basic procedures for handling classified documents within a U.S. Army activity. How to receipt for classified documents, inventory a classified documents account, and prepare an Emergency Destruction Plan for classified documents. Crd hrs: 6.

Subcourse: AG0623

Title: Editing a Command Publication.

Description: How to review a proposed local command publication prior to publication. Crd hrs: 4.

Subcourse: AG0624

Title: Processing Military Orders.

Description: Fundamentals of the review of military orders or requests for orders and review of the preparation and authentication of DD Form 1610 (Request and Authorization for TDY Travel of DOD Personnel). Crd hrs: 3.

Subcourse: AG1001

Title: Certifying Officer Requisitions.

Description: How to identify officer requisitions and to review a subordinate's requisition determinations. How to certify officer requisitions by the use of documents: Unit Manning Report (AAC–C07) and Officer Distribution Plan. The requisition cycle (2 months) and regulations AR 614–185 and DA Pam 600–8 are also used. Crd hrs: 3.

Subcourse: AG1004

Title: Managing the Separations Program.

Description: Basic types of separations for officers and enlisted personnel including resignation, discharge, dropped from rolls, release or transfer, sole surviving son or daughter, fraudulent entry, misconduct, personality disorder and retirement. Procedures used for separation including boards, rights of respondent, presentation of evidence, and exceptional circumstances. Types of discharge including general, honorable, and those under other than honorable conditions. Crd hrs: 8.

Subcourse: AG1012

Title: Manning the Force.

Description: Instruction on the military classification system; the major features of the Standard Installation/Division Personnel System (SIDPERS); the Unit Manning System; and the Personnel Proponency System. Crd hrs: 5.

Subcourse: AG1050

Title: The Role of the S1.

Description: Presents a general description of the role of the S1. Describes the S1's duties and responsibilities, position, and staff relationships. The focus of this subcourse is directed at the battalion level. Crd hrs: 5.

Subcourse: AG1052

Title: Preparing the Personnel Estimate.

Description: Addresses the role the S1 plays in preparing the estimate. Contains information describing the problem-solving process and its use in military decision making. Crd hrs: 4.

Table 3-2
Adjutant General subcourses (AG)—Continued

Subcourse: AG1054

Title: Battalion S1 Section Operations.

Description: Operation of a battalion S1 section to include its mission, objectives, structure, organization, staffing, staff responsibilities, and standing operating procedures. Also describes selected section operations, how the Freedom of Information Act, Privacy Act, and official inquiries affect section operations, and office automation. Crd hrs: 5.

Subcourse: AG1058

Title: Battalion S1: Monitoring Line of Duty Investigations.

Description: The procedures and information necessary for the battalion level adjutant to monitor and review line of duty investigations in support of the battalion commander. Crd hrs: 5.

Subcourse: AG1060

Title: Battalion S1: Unit Authorization Documents.

Description: Basic procedures for developing and using unit authorization documents. Process for determining and documenting Army requirements through the Table of Organization and Equipment System and the conversion of those requirements into authorizations through the Army Authorization Documents System. Crd hrs: 6.

Subcourse: AG1062

Title: Reporting Personnel Strength Using the Unit Status Report.

Description: Explains basic procedures for preparation of the unit status report (USR) by an S1 officer at the battalion level. Also contains instructions for preparing the USR, documents who is responsible for that preparation, and how it is used by echelons above the battalion level. Crd hrs: 5.

Subcourse: AG1064

Title: Soldier Readiness Processing (SRP).

Description: Discussion and description of soldier readiness processing in anticipation of overseas movement, and the relationship between the SRP and unit readiness. Crd hrs: 5.

Subcourse: AG1070

Title: Personnel Overview.

Description: Basic procedures involved with the organization, location, and mission of personnel support activities on the battlefield. Crd hrs: 3.

Subcourse: AG1074

Title: Managing Personnel Assignments.

Description: Presents the policies and procedures a personnel officer uses to manage officer and enlisted assignment operations as well as those the Army uses to assign qualified officer and enlisted soldiers to organizational units. Crd hrs: 3.

Subcourse: AG1076

Title: Managing the Enlisted Reclassification Program.

Description: Policies and procedures personnel managers use to initiate, execute, and manage both voluntary and mandatory reclassification actions. Crd hrs: 3.

Subcourse: AG1082

Title: Manage the Noncommissioned Officer Evaluation Report Program.

Description: Policies and procedures related to managing the NCO Evaluation Report Program and the administration of DA Form 2166-7. Objectives of counseling, role of the rating chain, and steps required to process the NCO-ER through the Personnel Service Company. Crd hrs: 4.

Subcourse: AG1086

Title: Critical Personnel Functions.

Description: Presents the critical functions personnel officers perform during wartime. Includes the flow of battlefield replacements, casualty reporting, strength reporting, and battlefield postal operations. Also details the personnel officer's responsibilities regarding morale, welfare and recreation operations. Crd hrs: 4.

Table 3-3
Aviation Logistics subcourses (AL)

Subcourse: AL0907

Title: Basic Hydraulics and Hydraulic Plumbing.

Description: Instruction on the science of hydraulics; explanation of hydraulic principles; study of the fluids used in aircraft hydraulic systems. Crd hrs: 4.

Subcourse: AL0917

Title: Nondestructive Testing.

Description: Dye penetrant and magnetic particle nondestructive tests; and principles involved in performing radiography, ultrasonic, and eddy inspections. MOS: 151A, CMF 67. Crd hrs: 2.

Subcourse: AL0926

Title: Basic Hydraulic Systems and Components.

Description: Instruction on the concept and operation of the basic components of the hydraulic system. Explains flow control, actuating and discharge devices, and pressure-limiting, controlling, and sensing devices. Crd hrs: 4.

Subcourse: AL0966

Title: Basic Aerodynamics.

Description: How and why an aircraft flies and what effect the atmosphere and flight controls have on flight. MOS: 151A. Crd hrs: 2.

Subcourse: AL0992

Title: Basic Airframe Repair.

Description: Provides a general familiarization of the airframe of today's aircraft and repair procedures. Crd hrs: 4.

Subcourse: AL0993

Title: Army Aircraft Gas Turbine Engines.

Description: Theory and principles of gas turbine engines; major sections of gas turbine engines; fuel and oil systems; testing procedures, inspection, maintenance, and storage of aircraft gas turbine engines; and T53, T55, Solar T62, T63, T74, and T700 engines. MOS: 151A, CMF 67. Crd hrs: 19.

Subcourse: AL9000

Title: Supply Management for Aviation Maintenance.

Description: Supervisory skills and knowledge needed to effectively supervise supply management procedures and policies for aviation maintenance. MOS: 67T. Crd hrs: 8.

Subcourse: AL9001

Title: Aviation Maintenance Files.

Description: Maintaining aviation maintenance files in accordance with MARKS and establishing a technical library. CMF: 67. Crd hrs: 4.

Subcourse: AL9002

Title: Production Control.

Description: Supervisory skills and knowledge needed to effectively supervise the maintenance of proper forms and the management of cannibalization and controlled exchange of aircraft parts. CMF: 67. Crd hrs: 6.

Subcourse: AL9003

Title: Unit Moves.

Description: Supervisory knowledge required to maintain rapid deployment capability at the unit level, to conduct convoy operations, and to select sites and set up aviation maintenance operations in the field. CMF: 67. Crd hrs: 5.

Subcourse: AL9004

Title: Control Calibration.

Description: Structure of the calibration program to include the calibration requirements for test, measurement, and diagnostic equipment. CMF: 67. Crd hrs: 6.

Subcourse: AL9005

Title: Preventive Maintenance Checks and Services.

Description: Supervisory skills and knowledge needed to effectively supervise and organize a preventive maintenance checks and services program. CMF: 67. Crd hrs: 6.

Subcourse: AL9006

Title: Maintenance Operations in Unusual Environments.

Description: How to supervise aviation maintenance under adverse conditions and to ensure that personnel are properly prepared to operate in arctic, desert, jungle and mountain environments. CMF: 67. Crd hrs: 5.

Subcourse: AL9007

Title: Direct Preparation of Aircraft for Weighing.

Description: Definitions of the terms used during aircraft weight and balance operations. How to prepare an aircraft for weighing and identify the Chart A entries required to complete a pre-weighing inventory. Crd hrs: 2.

Subcourse: AL9107

Title: Supervise Maintenance of T-62 Series Engines.

Description: How to supervise repair tasks on the auxiliary power unit for the CH-47 (Chinook). MOS: 68B. Crd hrs: 4.

Subcourse: AL9108

Title: Supervise Inspections, Checks, and Accessory Replacement on T700 Series Engines.

Description: How to supervise inspections, checks and accessory replacement tasks on the powerplant for the UH-60 (Blackhawk). MOS: 68B. Crd hrs: 4.

Table 3-4
Armor subcourses (AR)

Subcourse: AR0001

Title: Maintenance Management.

Description: Provides information on the proper methods for managing a maintenance facility. It includes instruction in Unit Maintenance Operations, Unit Maintenance Safety Program, Environmental Protection Policies, and Battlefield Maintenance. Crd hrs: 4. (No individual subcourse enrollments.)

Subcourse: AR0002

Title: Database Maintenance.

Description: Provides information on database maintenance in the Unit Level Logistics System - Ground (ULLS-G). It contains information on software and hardware requirements. It also contains information on establishing parameters for a unit, maintaining the maintenance catalog, uploading and maintaining the Master Maintenance Data File, and maintaining unit maintenance files in ULLS-G. Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0003

Title: System Security.

Description: Details the system used by the Unit Level Logistics System - Ground (ULLS-G) to control a combination of user and group access rights to ULLS-G database information. Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0004

Title: Sage Database Inquiry (SDI).

Description: Provides information on creating additional reports using the ad hoc report system provided within the Unit Level Logistics System - Ground (ULLS-G). Upon completion, the soldier will be able to create useful maintenance management reports, which would otherwise be unavailable from ULLS-G. Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0005

Title: Daily Preventive Maintenance Checks and Services (PMCS).

Description: Provides information on basic PMCS procedures. Upon completion, the soldier will be able to properly complete and interpret maintenance forms produced by the Unit Level Logistics System - Ground (ULLS-G). Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0006

Title: Scheduled Maintenance.

Description: Covers critical Unit Level Logistics System - Ground (ULLS-G) maintenance reports and provides assessment tools for the maintenance leader to use in establishing and maintaining a unit scheduled maintenance program. Upon completion of this subcourse, the student should be familiar with the management tools necessary to establish and maintain an effective scheduled maintenance program. Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0007

Title: Evaluate Class IX Procedures.

Description: Discusses various reports generated and maintained in the Unit Level Logistics System - Ground (ULLS-G) which directly relate to Class IX management procedures. Reports covered are the document Control Register, Commander's Exception Report, Financial Transaction Listing, and the Exception Status Report. Upon completion, the student will be able to inspect documents, identify inconsistencies in supply transaction entries, and take corrective action to eliminate inconsistencies. Crd hrs: 3. (No individual subcourse enrollments.)

Subcourse: AR0008

Title: Manage Prescribed Load List (PLL).

Description: Provides information on the proper methods for managing a unit Prescribed Load List (PLL). Upon completion, the student will be able to effectively manage a PLL utilizing the PLL Inventory Report, Excess Management Report, Daily Management Report, and Demand Analysis Report. Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0009

Title: Licensing And Dispatch Program.

Description: Provides information on the proper methods for managing a unit Driver Training and Dispatch program. It covers manual and automated procedures for licensing Army motor vehicle operators and covers accident forms. Upon completion, the student will be able to implement fundamentals learned in this lesson to supplement or establish the driver training program in the unit Crd hrs: 2. (No individual subcourse enrollments.)

Subcourse: AR0010

Title: Army Materiel Status System (AMSS).

Description: Provides information on the proper methods for evaluating a unit's operational readiness posture utilizing the Army Materiel Status System (AMSS) within the Unit Level Logistics System - Ground (ULLS-G). Upon completion, the student will be able to identify

inaccurate AMSS data as well as maintenance trends which cause a unit's operational readiness rate to fall below the Department of the Army goal. Crd hrs: 2. (No individual subcourse enrollments.)

Table 3–5
Aviation subcourses (AV)

Subcourse: AV0181

Title: Aviation Maintenance Management and Operations.

Description: Policies, maintenance structure, preventive maintenance and inspections, maintenance indicators, repair parts supply operations, and materiel readiness reporting for aviation maintenance management. Crd hrs: 6.

Subcourse: AV0534

Title: Human Factors in Aircraft Accident Prevention.

Description: Role of abnormal behavior in aircraft accidents to include learning, memory, and intelligence; motivation; emotions, psychomotor skills; physiological factors of noise; temperature stress; respiration and circulation; nutrition; and toxic substances in aviation. Crd hrs: 11.

Subcourse: AV0550

Title: Aviation Petroleum, Oils, and Lubricants (POL), Operation, Maintenance and Safety.

Description: Provides safety officers with an understanding of criticality of fuel handling, aircraft dangers, and POL storage. Crd hrs: 4.

Subcourse: AV0551

Title: Aviation Safety.

Description: Goals, objectives, and policies of the Army Safety Program and how is implemented in aviation units; aviation accident prevention plan, causation analysis, gunnery and laser safety, duties and responsibilities of commanders, staff, and individuals. Crd hrs: 6.

Subcourse: AV0567

Title: Introduction to Aircraft Accident Prevention.

Description: Goals, objectives, and policies of the Army Safety Program; responsibilities of the U.S. Army Safety Center; Commander's Aviation Accident Prevention. Crd hrs: 5.

Subcourse: AV0568

Title: Aviation Accident Prevention.

Description: U.S. Army causation model for safety program; regulations pertaining to safety practices and procedures; command and individual responsibilities toward safety. Crd hrs: 9.

Subcourse: AV0569

Title: Crash Safety Concepts.

Description: Kinetic energy, stopping distance and decelerative force, human tolerance to abrupt accelerations, occupant restraint; design for crash survival, timely evacuation. Crd hrs: 5.

Subcourse: AV0570

Title: Aviation Shop and Flight Line Safety.

Description: Safety standards and practices for maintenance operations within the hangar, allied shops, and on the flight line. Crd hrs: 2.

Subcourse: AV0574

Title: Aircraft Accident Investigation and Reports.

Description: Explains Army accidents and aircraft mishap terms and reporting requirements; describes the purpose and procedure for conducting an aircraft accident investigation. Crd hrs: 5.

Subcourse: AV0582

Title: Safety Office Administration.

Description: Administrative functions needed to support an aviation safety program including preparing and reviewing written policies, conducting safety training and maintaining records. Crd hrs: 5.

Subcourse: AV0583

Title: Armament Safety.

Description: Provides aviation safety personnel with information for review of standing operating procedures required for gunnery operations; basic characteristics of weapons systems and free-flight projectiles; regulations for live-fire and laser training and safety considerations for transportation and storage of ammunition. Crd hrs: 3.

Subcourse: AV0584

Title: Safety Programs.

Description: Explains the Army safety and accident prevention programs, including occupational health and safety, hazard identification, safety training, safety awards, and the alcohol and drug abuse programs. Crd hrs: 8.

Subcourse: AV0585

Title: Measuring Safety.

Table 3-5
Aviation subcourses (AV)—Continued

Description: Methods for evaluating or measuring accident prevention program effectiveness; implementing programs for accident prevention in motor vehicles, sports, and recreational accidents; and procedures for classifying and recording Army accidents on DA Form 285 (U.S. Army Accident Report). Crd hrs: 7.

Subcourse: AV0586

Title: Accident Prevention Management Process.

Description: Information about the advanced concepts of safety management with emphasis on a management oriented systems approach to safety. Crd hrs: 16.

Subcourse: AV0587

Title: Safety Management for the Supervisor.

Description: Supervisor's responsibility for safe performance. How to inspect, plan jobs, conduct interviews, what really causes accidents and when to report accidents. Crd hrs: 10.

Subcourse: AV0590

Title: Crash Dynamics.

Description: Principles of impact and crash dynamics; types of impacts; how to measure stopping distances, how to compute forces from velocity and gravity and how to complete a DA Form 2397-6-R (Technical Report of US Army Aircraft Accident, Part VII - In-Flight or Terrain Impact and Crash Damage Data). Crd hrs: 5.

Subcourse: AV0593

Title: Aviation Medicine Program.

Description: Requirements and capabilities of the aviation medicine program, capabilities and limitations of night vision, perceptual limitations, and spatial disorientation in relation to aviation unit safety training. Crd hrs: 7.

Subcourse: AV0595

Title: Airfield Facility and Operations Safety.

Description: Safety standards and procedures for conducting airfield surveys; required safety standards as applied to airfield and aviation unit operations. Crd hrs: 5.

Subcourse: AV0603

Title: Airways Code Aviation Weather Report and Meteorological Terminal Aviation Report (METAR) Code.

Description: Identification of types of aviation weather teletype sequence reports and how to decode all information in each type of report. MOS: 93P. Crd hrs: 6.

Subcourse: AV0652

Title: Overdue Aircraft Procedures.

Description: Application of overdue aircraft procedures when an aircraft on visual flight rule flight plan becomes overdue. (Prerequisites for MOS 93P soldiers: AV0961 and AV0950.) MOS: 93P. Crd hrs: 3.

Subcourse: AV0653

Title: Military Aircraft Designation Symbols.

Description: Definitions and designation symbols for military aircraft; service and mission prefixes. MOS: 93P. Crd hrs: 3.

Subcourse: AV0661

Title: Aviation Survival, Part I.

Description: Basic knowledge of survival procedures and techniques; survival elements, psychological aspects, and survival medicine. Crd hrs: 4.

Subcourse: AV0662

Title: Aviation Survival, Part II.

Description: Clothing, shelter, and firecraft necessary for protection and survival in extreme environments. Crd hrs: 3.

Subcourse: AV0663

Title: Aviation Survival, Part III.

Description: Relationship between proper nutrition and physical/mental efficiency; sustenance after a crash, forced landing, or being captured by the enemy. Crd hrs: 4.

Subcourse: AV0664

Title: Aviation Survival, Part IV.

Description: Basic knowledge of survival procedures and techniques including direction finding, signaling, and recovery. Crd hrs: 2.

Subcourse: AV0695

Title: Airfield Operations.

Table 3–5
Aviation subcourses (AV)—Continued

Description: Operations and management of a flight operations facility, personnel qualifications and duties, and information on how to conduct operations mission briefings and debriefings. Crd hrs: 2.

Subcourse: AV0900

Title: Locate Coordinates on Aeronautical Charts.

Description: Locating a specific geographical coordinate on a sectional aeronautical chart and interpreting aeronautical symbols. MOS: 93P. Crd hrs: 3.

Subcourse: AV0903

Title: The AN/TPN–18 Radar Set.

Description: Site selection, installation, and orientation of the AN/TPN–18 radar equipment. MOS: 93C. Crd hrs: 5.

Subcourse: AV0905

Title: Radar Identification Procedures.

Description: Radar identification, vectoring and handoff procedures used by radar controllers. MOS: 93C. Crd hrs: 3.

Subcourse: AV0906

Title: Airport Surveillance Radar.

Description: Procedures used by radar controllers when providing radar approach service to arriving aircraft. MOS: 93C. Crd hrs: 5.

Subcourse: AV0914

Title: Terminal Radar Control Service.

Description: General rules and procedures pertaining to flight progress strips, contractions, symbols, and abbreviations. Duties, responsibilities, and procedures used by the controller in each position during radar surveillance approach, precision radar approach, and emergency service. MOS: 93C. Crd hrs: 5.

Subcourse: AV0944

Title: Controlling Airport Traffic.

Description: Control of taxiing aircraft, visual flight rule aircraft arrival, departure, and flight. MOS: 93C. Crd hrs: 4.

Subcourse: AV0950

Title: Flight Plans and Communications Procedures.

Description: Identify errors or omissions on completed visual flight rule, instrument flight rule, or composite flight plans, and transmit flight departure or arrival messages to the appropriate air traffic control facility. MOS: 93P. Crd hrs: 6.

Subcourse: AV0960

Title: Notice to Airmen.

Description: Basic procedures for decoding U.S. Military and International Civil Aviation Organization NOTAMS (Notice to Airmen). MOS: 93P. Crd hrs: 3.

Subcourse: AV0961

Title: DOD Flight Information Publications (FLIP).

Description: Identification of aeronautical data in FLIP, General Planning and Flight Information Handbook. MOS: 93P. Crd hrs: 7.

Subcourse: AV0975

Title: Preparation and Maintenance of Individual Flight Records.

Description: DA Forms 759 (Individual Flight Record and Flight Certificate—Army), 759–1 (Individual Flight Record and Flight Certificate—Army), 759–2 (Individual Flight Record and Flight Certificate—Army Flying Hours Worksheet), 759–3 (Individual Flight Record and Flight Record and Flight Pay Worksheet), and 2408–12 (Army Aviator’s Flight Record). Crd hrs: 17.

Subcourse: AV0981

Title: Flight Information Publication (FLIP) Management.

Description: How to establish FLIP accounts, determine authorized quantities, use correct requisitioning procedures, determine seasonal and mission requirements, and determine aero club authorizations and procedures for delayed or undelivered shipments of FLIP materials. MOS: 93P. Crd hrs: 2.

Subcourse: AV0982

Title: Flight Orders and Senior Army Aviator or Master Army Aviator Award.

Description: Initiating and terminating non crew and crew member flight orders; initiating requests for award of Senior Army Aviator or Master Army Aviator aeronautical ratings. MOS: 93P. Crd hrs: 3.

Subcourse: AV0986

Title: Airport Traffic Control Procedures.

Table 3-5
Aviation subcourses (AV)—Continued

Description: Basic airport traffic control procedures; eligibility, knowledge, and skill required to obtain a control tower operator certificate. (No individual subcourse enrollments; to take this subcourse, enroll in an Air Traffic Control Course.) MOS: 93C. Crd hrs: 1.

Subcourse: AV0987

Title: Flight Rules.

Description: Describes flight rules governing the operation of aircraft within the United States. (No individual subcourse enrollments; to take this subcourse, enroll in an Air Traffic Control Course.) MOS: 93C. Crd hrs: 1.

Subcourse: AV0988

Title: Introduction to Communications Operating Procedures.

Description: Procedures and phraseology in all radio and interphone communications used in air traffic control. (Prerequisites: AV0986 and AV0987.) (No individual subcourse enrollments; to take this subcourse, enroll in an Air Traffic Control Course.) MOS: 93C. Crd hrs: 1.

Subcourse: AV0991

Title: Navigational Aids.

Description: Basic knowledge of navigational aids and their relationship to air traffic control. (Prerequisites: AV0986, AV0987, AV0988, AV0989, and AV0990.) (No individual subcourse enrollments; to take this subcourse, enroll in an Air Traffic Control Course.) MOS: 93C. Crd hrs: 1.

Subcourse: AV0992

Title: En Route Control Procedures.

Description: Methods and procedures for en route air traffic control. (No individual subcourse enrollments; to take this subcourse, enroll in an Air Traffic Control Course.) (Prerequisites: AV0986, AV0987, AV0988, AV0989, AV0990, and AV0991.) MOS: 93C. Crd hrs: 1.

Subcourse: AV1504

Title: Aerial Reconnaissance Operations.

Description: Organization, missions, fundamentals, and techniques of aerial reconnaissance. Crd hrs: 2.

Subcourse: AV1525

Title: Self-Deployment of Army Helicopters.

Description: Describes how aviation units containing aircraft with self-deployment capabilities execute the self-deployment process. This subcourse is intended as a reference for battalion or higher level commanders and staff. Crd hrs: 3.

Subcourse: AV1953

Title: Installing the AN/TSQ-71B.

Description: Site selection, procedures for unpacking equipment, assembly of the receiver-transmitter group, and installation of the AN/TSQ-71B unit. MOS: 93C. Crd hrs: 10.

Subcourse: AV1959

Title: Facility Qualification Training.

Description: Procedures for conducting facility qualification training, facility proficiency training, maintaining training records and forms, and handling aircraft accidents and incidents. MOS: 93C. Crd hrs: 7.

Subcourse: AV1982

Title: Operate and Maintain Radar Set AN/TPN-18.

Description: Perform daily and weekly operation and maintenance of the radar set AN/TPN-18. MOS: 93C. Crd hrs: 4.

Subcourse: AV1990

Title: Flight Coordination Central AN/TSC-61B.

Description: Installation, operation, and maintenance of the AN/TSC-61B. MOS: 93C. Crd hrs: 2.

Subcourse: AV1995

Title: Beacon Set AN/TRN-30(V)1.

Description: Procedures for installing, operating, and maintaining beacon set AN/TRN-30(V)1; preparation of the beacon set for movement. MOS: 93C. Crd hrs: 10.

Subcourse: AV1996

Title: The Air Traffic Control Central AN/TSW-7A.

Description: Install, operate, and maintain the ATC central AN/TSW-7A. MOS: 93C. Crd hrs: 15.

Subcourse: AV2400

Title: General Airport Procedures.

Description: Operate airfield lighting, update automatic terminal information service recordings, perform equipment checks; control aircraft,

Table 3–5
Aviation subcourses (AV)—Continued

vehicles and personnel by air traffic control light signals; provide emergency assistance; select a runway for use; request, record and discriminate pilot reports; provide traffic information or advisories. Crd hrs: 9.

Subcourse: AV2406

Title: Flight Following Services.

Description: Procedures to initiate and maintain current data on FAA Form 7230–21 (Flight Progress Strip); maintain and issue information and advisories to arriving, departing, and en route aircraft; assist in search and rescue procedures. MOS: 93C, Skill Level 1. Crd hrs: 5.

Subcourse: AV2408

Title: Radio and Interphone Procedures.

Description: Air Traffic Control (ATC) radio and interphone communication procedures; issuing ATC messages using the correct format and terminology. Crd hrs: 3.

Subcourse: AV2410

Title: Operate and Maintain the AN/TSQ–71B.

Description: Description of equipment, function of controls, indicators, and switches; turn-on, alignment, and turn-off; preventive maintenance checks and services. Crd hrs: 10.

Subcourse: AV5004 (Proponent: Combined Arms Support Command)

Title: Level Radar, Adjust Power Supply and Center Current and Synchronize Precision Sweep.

Description: Troubleshoot and repair radar set AN/FPN–40. Crd hrs: 4.

Subcourse: AV5020 (Proponent: Combined Arms Support Command)

Title: Bench Test Weather Radar Indicator IP–1376/APN–215(V)1.

Description: Bench test the IP–1376/APN–215(V)1 to determine if it is serviceable. Student must have access to the equipment. Crd hrs: 2.

Subcourse: AV5021 (Proponent: Combined Arms Support Command)

Title: Bench Test Weather Radar Receiver-Transmitter RT–1352/APN–215(V)1.

Description: Bench test the RT–1352 to determine if it is serviceable. Student must have access to the equipment. Crd hrs: 3.

Subcourse: AV5022 (Proponent: Combined Arms Support Command)

Title: Bench Test Weather Radar Antenna AS–3451/APN–215(V)1.

Description: Bench test the AS–3451/APN–215(V)1 to determine if it is serviceable. Student must have access to the equipment. Crd hrs: 2.

Subcourse: AV5036 (Proponent: Combined Arms Support Command)

Title: Troubleshoot Radio Set AN/ARC–51BX.

Description: Troubleshooting Radio Set AN/ARC–51BX. Crd hrs: 10.

Subcourse: AV5039 (Proponent: Combined Arms Support Command)

Title: Troubleshoot and Repair Communications System Control C–6533/ARC.

Description: Troubleshoot and repair the communications system control C–6533/ARC. You must have access to this equipment to complete this subcourse. Crd hrs: 6.

Subcourse: AV5041 (Proponent: Combined Arms Support Command)

Title: Direct Support Maintenance of RT–1167/AN/ARC–164(V) (SOJT).

Description: How to perform direct support maintenance on the RT–1167/AN/ARC–164(V). You must have access to this equipment to complete this subcourse. MOS: 35L. Crd hrs: 12.

Subcourse: AV5044 (Proponent: Combined Arms Support Command)

Title: Align AN/FPN–40 Azimuth Cursor.

Description: How to perform an azimuth cursor alignment on Radar Set AN/FPN–40. You must have access to this equipment to complete this subcourse. Crd hrs: 3.

Table 3–6
Chaplain subcourses (CH)

Subcourse: CH0583

Title: Nonappropriated Chaplains' Fund Management 2.

Description: Brigade-level management and control of nonappropriated chaplains' funds. Crd hrs: 8.

Subcourse: CH0584

Title: Appropriated Funds for Chaplain Use.

Description: Teaches the advanced chaplain knowledge and skills needed to manage appropriated funds. Crd hrs: 8.

Table 3-6
Chaplain subcourses (CH)—Continued

Subcourse: CH0585

Title: Managing Brigade-Level Chaplain Logistics.

Description: Teaches the advanced chaplain the knowledge and skills needed to apply logistics regulations and guidelines to brigade level case studies. Crd hrs: 8.

Subcourse: CH0586

Title: Military Pastoral Ministry 1 (Spiritual & Professional Development).

Description: Teaches the knowledge and skills necessary to develop a personal spiritual and professional development plan. Crd hrs: 10.

Subcourse: CH0605

Title: Chaplain Assistants Support to Military Parish Program.

Description: Provides chaplain assistants with sustainment training on conducting religious retreats, selecting and procuring religious education materials, and providing publicity on religious programs. Crd hrs: 5.

Subcourse: CH0607

Title: Unit Ministry Team Leadership.

Description: Provides the senior chaplain assistant with instruction on the application of Army leadership doctrine to the unit ministry team and reviews those characteristics and traits of leaders that will enable the chaplain assistant to effectively perform as a leader. Crd hrs: 3.

Subcourse: CH0809

Title: Mobilization and Deployment Ministry.

Description: Introduces the chaplain to the trauma and stress of preparing soldiers and their families for mobilization and deployment. Also identifies some of the issues legal, emotional, and health that are critical to educating soldiers' families during pre-deployment and to the development of a family support plan. Crd hrs: 5.

Subcourse: CH0811

Title: Ministry on the Battlefield.

Description: Introduces the chaplain to those areas that are critical to the demonstration of an ability to provide worship opportunities and leadership during combat. Covers planning, preparing for, and coordinating worship opportunities in a field environment. Crd hrs: 5.

Subcourse: CH0812

Title: Develop a Battalion Religious Program and Perform Ministry with other Chaplains.

Description: Provides training on the steps necessary to develop a Religious Support Plan and on the skills necessary to provide pastoral care with and to other chaplains. Crd hrs: 5.

Subcourse: CH0813

Title: Advanced Chaplain Values Training I.

Description: Provides training on chaplain applications of the Army leadership framework and the Ethical Decision Making Model as it applies to brigade chaplain operations. Crd hrs: 5.

Subcourse: CH0815

Title: Advising the Commander on World Religions.

Description: Provides instruction on analyzing the religious climate indigenous to an area of operations and identifying factors which may impact on military operations in order to recommend courses of action to the commander. Crd hrs: 5.

Subcourse: CH0816

Title: Physical Setup for Religious Services in Garrison I.

Description: Instruction on setting up a garrison chapel for a catholic mass, a collective Protestant service, a collective Protestant communion service and returning the chapel to a neutral setting. Crd hrs: 5.

Subcourse: CH0817

Title: The Unit Ministry Team's Role in Suicide Prevention.

Description: Provides training on identifying potential suicides and on implementing the actions necessary to deal effectively with potential suicide situations. Crd hrs: 5.

Subcourse: CH0818

Title: Unit Ministry Team Strategies for Soldier Visitation Program.

Description: Instruction on unit ministry team (UMT) procedures for hospital visitation and for soldiers in grief or crisis. Crd hrs: 5.

Subcourse: CH0819

Title: Religious Items and Terms in Military Ministry.

Description: Provides training in identifying, selecting, and placing religious items and vestments for use in religious services. Crd hrs: 5.

Subcourse: CH0820

Title: Physical Setup for Religious Events in Garrison II.

Table 3–6
Chaplain subcourses (CH)—Continued

Description: Instruction on setting up a garrison chapel for a Jewish service, an orthodox service, and a baptism. Crd hrs: 5.

Subcourse: CH0821

Title: Physical Setup for Field Religious Services.

Description: Instruction on the basic steps required to prepare for religious services in a field environment using Protestant, catholic, orthodox, and Jewish field kits. (Prerequisite: CH0819.) Crd hrs: 5.

Subcourse: CH0823

Title: Unit Ministry Team Supply and Equipment Requirements.

Description: Instruction on the equipment used to complete the UMT mission and on procedures to acquire and keep track of equipment. Crd hrs: 6.

Subcourse: CH0824

Title: Safeguard an Offering.

Description: Instruction on procedures for preparing for an offering, safeguarding monies collected, and recording the collection. Crd hrs: 5.

Subcourse: CH0825

Title: Advising the Commander on Accommodating Religious Practices.

Description: Instruction on the constitutional, policy, and doctrinal issues impacting on the free exercise of religion in the Army and on identifying the leadership and staff procedures required to accommodate religious practices in the Army. Crd hrs: 5.

Subcourse: CH0826

Title: Army Doctrine for Unit Ministry Team Operations.

Description: Instruction on the major doctrinal issues which impact on the chaplain and chaplain assistant's wartime role of providing religious support. Crd hrs: 5.

Subcourse: CH0827

Title: Unit Ministry Team Mobilization Planning I.

Description: Provides general information on mobilization planning and how to identify chaplain assets and shortfalls. Crd hrs: 5.

Subcourse: CH0828

Title: Unit Ministry Team Mobilization Planning II.

Description: Provides training on developing UMT mobilization plans and annexes. Crd hrs: 5.

Subcourse: CH0838

Title: Practice of Ministry Paper.

Description: Assigns a Practice of Ministry Paper to RC Chaplain OAC students. Enrollment restricted to chaplains and chaplain candidates only. Crd hrs: 12.

Subcourse: CH1311

Title: Chaplain Support Activities: the Chaplain Assistant's Role.

Description: Provides chaplain assistants with basic information on topics common to chaplain support activities programs throughout the Army. MOS: 71M. Crd hrs: 4.

Subcourse: CH1312

Title: Accommodating Religious Practices for the Chaplain Assistant.

Description: Brief overview of the religious diversity present in the United States Army and an introduction to Army policy and procedures on accommodating religious practices. Crd hrs: 4.

Subcourse: CH1313

Title: Unit Ministry Team Crisis Counseling: the Chaplain Assistant's Role.

Description: Introduction to garrison and combat pastoral counseling in the unit environment. Distinguishes between chaplain and chaplain assistant roles. MOS: 71M. Crd hrs: 4.

Subcourse: CH1315

Title: Support Religious Education Activities.

Description: Introduction to the various missions involved in providing support to a unit religious education program including record keeping, ordering texts and supplies, and providing audiovisual services. MOS: 71M. Crd hrs: 4.

Subcourse: CH4106

Title: Training the Unit Ministry Team.

Description: Deals with leadership and management concerns. Orients the noncommissioned student on training responsibilities. Introduces the student to the arena of the Chaplain Management Officer System. Crd hrs: 10.

Table 3–7
Chemical subcourses (CM)

Subcourse: CM1203

Title: Radiation Dosimetry.

Description: Use a dosimeter or radiac set to read radiation dose; perform operator maintenance on IM–9E/PD, IM–93/UD, IM–93A/UD, IM–147/PD Dosimeters, and AN/VDR–2 and AN/VDR–75 Radiac Sets; receive, maintain, record, and report radiation dose status. MOS: 54B/AOC: 74A. Crd hrs: 7.

Subcourse: CM1204

Title: Operation of the M12A1 PDDA.

Description: Operation of the M12A1 Power-Driven Decontamination Apparatus (PDDA); components, starting and stopping procedures; procedures for loading the tank with water, spraying water, heating water, and metering detergent or fire fighting foam with water; procedures for loading, mixing, and spraying decontaminants; assembling, disassembling, and operating the shower assembly. MOS 54B. Crd hrs: 8.

Subcourse: CM1205

Title: Operation and Maintenance of the 50–GPM Pump.

Description: Operation, maintenance, and troubleshooting procedures for the 50–GPM pump; purposes, capabilities, limitations, models, and components; operator and organizational preventive maintenance; operation procedures under usual and unusual conditions. MOS: 54B. Crd hrs: 8.

Subcourse: CM1207

Title: Maintenance of the M12A1 PDDA.

Description: Procedures for placing a new apparatus into operation and the operator-level checks and services to be performed before, during, and after operation. Also troubleshooting and corrective maintenance on the apparatus. Crd hrs: 4.

Subcourse: CM1301

Title: Chemical Detection and Reporting.

Description: Information on chemical detection equipment including M256 or M256A1 Chemical Agent Detector Kit, ABC–M18A2 Chemical Agent Detector Kits, Chemical Agent Monitor, M8 and M9 Detector paper as well as procedures for preparing and submitting NBC 1 and NBC 4 (Chemical and Biological) Reports. Crd hrs: 8.

Subcourse: CM1303

Title: Implement Mission-Oriented Protection Posture (MOPP).

Description: Identify the protective clothing and equipment worn at different levels of MOPP; identify factors that influence the MOPP level; minimize stress and fatigue caused by the wearing of protective clothing; establish work and rest intervals; advise the commander on MOPP levels for chemical missions. Crd hrs: 2.

Subcourse: CM2206

Title: Chemical and Biological Reconnaissance.

Description: Elements of chemical and biological reconnaissance, organizational structure of reconnaissance units, types of reconnaissance, movement and troop-leading techniques; preparation and conduct of chemical and biological agent detection and sampling equipment, sampling procedures for unknown chemical and biological agents; marking contaminated areas; briefing survey parties and reconnaissance teams; and receiving, processing and delivering chemical and biological survey data. MOS: 54B. Crd hrs: 14.

Subcourse: CM2300

Title: Operational and Thorough Decontamination Operations.

Description: Requirements for tactical decon decisions; types of operations to support mission and directing or supervising the operations. MOS: 54B. Crd hrs: 6.

Subcourse: CM2302

Title: Supervise Decontamination Operations.

Description: NBC NCO role in supervising selection of a personnel and equipment decontamination site, submitting site selection reports, and supporting decontamination operations; estimating time, personnel and equipment. MOS: 54B. Crd hrs: 8.

Subcourse: CM2304

Title: Planning Radiological and Chemical Surveys.

Description: Plan radiological and chemical surveys; designate control; coordinate with supporting agencies; and prepare a survey plan for approval. MOS: 54B/AOC: 74A. Crd hrs: 10.

Subcourse: CM2306

Title: Radiological Operations.

Description: Fundamentals of radiological operations at the company level; decay computations; collect and report total dose; receive, maintain, and record radiation exposure status; determine radiation decay factors; convert ground dose rate readings normalized to a common reference time; plot known dose rate readings; and interpolate between readings to estimate the ground location of specific readings. MOS: 54B/AOC: 74A. Crd hrs: 14.

Table 3–7
Chemical subcourses (CM)—Continued

Subcourse: CM2307

Title: Nuclear Reporting.

Description: Processing NBC 1 (Nuclear) Reports; estimating yield of nuclear weapons; calculating location of ground zero; preparing detailed fallout predictions, NBC 3 (Nuclear) Reports and disseminating NBC 3 (Nuclear) Report. MOS: 54B. Crd hrs: 8.

Subcourse: CM2308

Title: Calculate and Compute Nuclear Data.

Description: Calculating and computing nuclear data for personnel and units operating in or crossing an area of radiological contamination; shelters and vehicles which provide shielding; procedures inside and outside dose rate readings; computing transmission factors, total dose, time of entry/exit and stay; procedures for computing nuclear data for areas contaminated more than 24 hours, or for induced radiation. MOS: 54B/AOC: 74A. Crd hrs: 8.

Subcourse: CM2402

Title: Biological Sampling.

Description: Basic procedures for biological sampling; characteristics of bio agents; detection methods; defense measures; mission coordination, planning, briefing, and methods for sampling. MOS: 54B. Crd hrs: 7.

Subcourse: CM2506

Title: NBC Decontamination Concepts.

Description: Operational concepts of NBC decontamination operations; effects, purposes, and levels of NBC decontamination; natural, standard and miscellaneous decontaminants, planning decontamination operations, methods, and equipment used in decontamination. MOS: 54B/AOC: 74A. Crd hrs: 12.

Subcourse: CM3201

Title: Operation and Maintenance of the Tank and Pump Unit.

Description: Operation of Model 2000 tank and pump unit under normal and unusual conditions; perform operator maintenance and describe organizational maintenance. MOS: 54B. Crd hrs: 10.

Subcourse: CM3204

Title: Operation and Maintenance of the M3A4 Smoke Generator.

Description: Critical characteristics of smoke operations, purpose, use, capabilities, and limitations of smoke generator; how to fuel, start, operate, stop, and perform before, during, and after operation checks and services; perform operator level maintenance on the M3A3 Smoke Generator. MOS: 54B. Crd hrs: 10.

Subcourse: CM3208

Title: Troubleshooting Procedures for the M3A4 Smoke Generator.

Description: Description of M3A4 Smoke Generator and operator preventive maintenance; how to troubleshoot the generator when the engine will not start, when smoke output is insufficient, and when the engine overheats. MOS: 54B. Crd hrs: 4.

Subcourse: CM3209

Title: Flame Field Expedients.

Description: Prepare a flame field expedient. Prepare flame fuel by the hand-mixing method. Using flame fuel, construct flame field expedients. MOS: 54B. Crd hrs: 8.

Subcourse: CM3300

Title: Conduct Smoke Operations.

Description: How to plan and conduct a smoke mission at the platoon level. Crd hrs: 5.

Subcourse: CM3305

Title: Operation, Maintenance, and Troubleshooting of the M157 Smoke Generator System.

Description: M157 Smoke Generator System capabilities and limitations; mobile smoke characteristics (motorized and mechanized). Basic goals of mobile smoke generator unit. General information of wind and weather effects on smoke. Operator-level maintenance; how to operate, perform before, during, and after-operation services; and operator-level troubleshooting procedures. MOS: 54B. Crd hrs: 6.

Subcourse: CM3401

Title: Effective Downwind Message.

Description: Preparation and dissemination of an effective downwind message using current upper air wind data, a wind vector plot and a fallout prediction plotting scale. MOS: 54B. Crd hrs: 6.

Subcourse: CM3404

Title: Chemical Agents/Compounds.

Description: Fundamentals of chemical agents and compounds markings on chemical munitions; descriptions of lethal and nonlethal, incapacitating and miscellaneous chemical agents. MOS: 54B. Crd hrs: 6.

Subcourse: CM5204

Table 3–7
Chemical subcourses (CM)—Continued

Title: Nuclear Warning and Reporting.

Description: Prepare and use the reports associated with nuclear warning and reporting. Prepare wind vector plots and effective downwind messages. Use nuclear burst information to calculate nuclear burst yield and determine the location of ground zero. Prepare simplified and detailed fallout predictions and plot reported contamination areas. A review of map reading is provided. Crd hrs: 16.

Subcourse: CM5206

Title: Nuclear Weapons Effects.

Description: Concerned primarily with the quantity of radiation in any radiological situation. Includes procedures for identification and determination of nuclear burst parameters for field estimation; proper nuclear burst reporting procedures; reporting methods; procedures for conversion of upper air wind data for use in the nuclear, biological, and chemical element (NBCE); and preparation of a fallout wind vector plot. MOS: 54B/AOC: 74A. Crd hrs: 16.

Subcourse: CM7105

Title: Operation and Maintenance of the M8A1 Automatic Chemical Agent Alarm System.

Description: Components of the M8A1 automatic chemical agent alarm system; how to operate the system, how to shut it down, and how to plan for and supervise the positioning of a system setup. Crd hrs: 8.

Subcourse: CM7106

Title: NBC Logistics.

Description: Aspects of NBC logistics applicable to duties of the NBC defense officer and NCO; fundamentals of NBC logistics; establishing an NBC equipment maintenance program; organizing and monitoring a radiac equipment calibration/certification program; preparing NBC equipment status charts, conducting equipment inventory and requisitioning NBC supplies and logistical services. MOS: 54B/AOC: 74A. Crd hrs: 6.

Subcourse: CM7112

Title: Smoke Pots.

Description: Purpose of smoke screen operations and the various types of smoke pots that are used at the company level; effect of weather and terrain on smoke screens, smoke pots spacing requirements, and the technique used for emplacing smoke pots; procedures for calculating the number of smoke pots required and procedures for igniting smoke pots. Crd hrs: 6.

Subcourse: CM7114

Title: Chemical and Biological Operations.

Description: Supervising the marking of chemical and biological contamination; providing technical advice on biological defense; assessing wind and temperature effects on chemical agents. Crd hrs: 11.

Subcourse: CM7116

Title: Radiological Monitoring and Survey.

Description: Conducting radiological monitoring and surveys, preparing and submitting NBC–4 Nuclear Reports; computing transmission and correlation factors; detecting, measuring, and reporting radiation contamination caused by fallout and neutron-induced radiation. Crd hrs: 6.

Table 3–8
Public Affairs Subcourses (DI)

Subcourse: DI0130

Title: Introduction to Community Relations.

Description: Presents many of the community relations programs practiced both in CONUS and overseas. Also presents the basics of community relations, understanding the local community power structure, planning and conducting special events and operating a speakers' bureau. MOS: 46Q/R. Crd hrs: 8.

Subcourse: DI0140

Title: Public Affairs and the Law.

Description: Overview of legal concepts and procedures used in public affairs programs. Structure of law in the United States and the content of key laws affecting public affairs activities. MOS: 46Q/R. Crd hrs: 7.

Subcourse: DI0200

Title: Introduction to Journalism.

Description: Elements of journalism both in the civilian world and, specifically, within the military. Covers news gathering and interviewing techniques commonly practiced by journalists today. MOS: 46Q. Crd hrs: 4.

Subcourse: DI0210

Title: Fundamentals of News Writing.

Description: The differences between literary and newspaper English, the inverted pyramid style of presenting information, objective news

writing, datelines, bylines, and the newspaper date week. Variations of the straight news story and accurate preparation and presentation of the accident news story. Mechanics and structure of writing sports stories. MOS: 46Q. Crd hrs: 12.

Subcourse: DI0220

Title: Copy Editing.

Description: Teaches entry-level journalists the fundamentals of editing their own and other journalists' writing. Covers basic English grammar and common errors that occur in Army publications. Also fundamentals of reviewing copy for security, accuracy, propriety, and policy. MOS: 46Q. Crd hrs: 10.

Subcourse: DI0230

Title: Writing Headlines.

Description: Basic procedures involved with newspaper design as it relates to headlines. Specific information is provided on headline types, headline styles, word usage, punctuation and how to count characters in headlines to make them fit the design of the page. MOS: 46Q. Crd hrs: 5.

Subcourse: DI0240

Title: Feature Writing and Editorials.

Description: Basic procedures and tasks related to writing feature stories and editorials. MOS: 46Q. Crd hrs: 10.

Subcourse: DI0250

Title: Still Photography for Journalists.

Description: Provides general knowledge and understanding of using a 35mm camera, film and exposure, controlling light, film development and making prints. MOS: 46Q. Crd hrs: 10.

Subcourse: DI0251

Title: Photojournalism I.

Description: Provides understanding of photojournalism, knowledge of obtaining, recording and writing a photo cut-line, cropping and scaling a photograph, and establishing a field photographic darkroom. MOS: 46Q. Crd hrs: 5.

Subcourse: DI0252

Title: Photojournalism II.

Description: Advanced information for the trained photojournalist. Provides an understanding of photojournalism, preparing a shooting script, shooting a picture story and producing a 35mm color slide presentation. Crd hrs: 5.

Subcourse: DI0253

Title: Photojournalism III.

Description: Advanced information for the trained photojournalist. Provides an understanding of sports photography, shooting a spot news photograph and shooting a personality feature photograph. Crd hrs: 5.

Subcourse: DI0260

Title: Newspaper Design and Layout.

Description: Basic procedures involved with the design and layout of a newspaper. Instruction on flags, mastheads, folios, headlines, typeset copy, photographs and line art, measurements, types of layouts, advertising, copy logs, dummy layout sheets, and field-expedient production techniques. MOS: 46Q. Crd hrs: 15.

Subcourse: DI0300

Title: Introduction to Broadcasting.

Description: Provides entry-level understanding of broadcast history, the operational structure of a broadcast station and how military public affairs practitioners should approach the civilian broadcast media to help accomplish their information goals. Includes information on the military broadcast chain of command, mission, operation, and history. MOS: 46R. Crd hrs: 5.

Subcourse: DI0310

Title: Techniques of Broadcast Journalism.

Description: As part of the broadcast journalist MOS qualification course, this subcourse provides an entry level understanding of the techniques for writing effective broadcast news and sports, feature and spot announcement copy, rewriting and editing broadcast copy and print releases for electronic media, administering traffic and continuity, and using public affairs files. MOS: 46R. Crd hrs: 10.

Subcourse: DI0320

Title: Basic Announcing Skills.

Description: Gives an entry level understanding of radio and television announcing. MOS: 46R. Crd hrs: 5.

Subcourse: DI0330

Title: Radio and Television Interviewing.

Description: Provides entry level understanding of interviewing techniques in radio and television. Offers in depth study of the various types of broadcast interviews. Also covers methods, preparation, formulating questions, and the techniques used for both the radio and television interviews. MOS: 46R. Crd hrs: 5.

Subcourse: DI0340

Title: Radio Broadcasting Techniques.

Description: Provides broadcasters with an entry level understanding of the performance of a radio music program, audio production techniques and the production of a radio news insert. Also teaches how to compile a newscast and sportscast. MOS: 46R. Crd hrs: 10.

Subcourse: DI0345

Title: Radio II.

Description: Maintaining radio program materials, operating audio control room equipment and editing audio tape. Crd hrs: 5.

Subcourse: DI0350

Title: Electronic Journalism.

Description: As part of the MOS qualification course, this subcourse introduces the entry level broadcaster to electronic news gathering (ENG) and electronic field equipment, lighting for ENG, framing and composition, video script writing and electronic editing. MOS: 46R. Crd hrs: 10.

Subcourse: DI0351

Title: Electronic Journalism II.

Description: Provides an entry level understanding of the operation of electronic news gathering (ENG) and electronic field production equipment; the selection and set up of microphones; the preparation and performance of TV news inserts; videotape editing; and the responsibilities and functions of an ENG team chief. MOS: 46R10. Crd hrs: 10.

Subcourse: DI0370

Title: Television Lighting, Audio, and Scenery.

Description: The basic concepts and principles of lighting, providing proper audio, and furnishing a television production set with the proper scenery described in detail. MOS: 46R. Crd hrs: 10.

Subcourse: DI0390

Title: Television Graphics for Broadcast Journalists.

Description: Entry level understanding of television graphics. MOS: 46R. Crd hrs: 3.

Subcourse: DI0401

Title: Advanced Public Affairs.

Description: Provides the trained journalist with information on advanced public affairs operations. Crd hrs: 5.

Subcourse: DI0405

Title: Newsgathering Systems and Print Selection.

Description: Provides the trained journalist with advanced information in newsgathering systems and print selection. Provides an understanding of organizing and operating a newsgathering system and selecting prints for publication and release. Crd hrs: 5.

Subcourse: DI0410

Title: Advanced Public Information.

Description: How to escort a news media representative, supervise a Hometown News Release Program, and assess markets for public information products. Crd hrs: 5.

Subcourse: DI0420

Title: Advanced Command Information.

Description: Gives the trained journalist information on how to advise the printer selection committee on contract specifications to produce the publication desired by the commander, how to conduct a newspaper readership survey, and how to assess a command information program. MOS: 46Q20. Crd hrs: 5.

Subcourse: DI0430

Title: Advanced Broadcasting.

Description: Introduces broadcasters to an advanced level of understanding when producing radio features, conducting audience surveys and determining radio music formats. Broadcasters should have a basic knowledge of military broadcasting before taking this subcourse. MOS: 46R20. Crd hrs: 5.

Subcourse: DI0440

Title: Managing and Reviewing Radio Television Products.

Description: Gives the senior broadcaster tools necessary to manage and review radio/television products. Provides general knowledge and understanding of Armed Forces Radio and Television (AFRTS) Broadcast Center, AFRTS program packages and how to review materials prior to broadcast. Crd hrs: 5.

Subcourse: DI0450

Title: Perform As Chief Radio Announcer/Maintain Broadcast SOP.

Description: Gives the senior broadcaster tools necessary to perform as chief radio announcer. Provides general knowledge and understanding of radio formats, critiques, announcing broadcast copy, locally produced spot announcements and features, preproduction process, managing traffic and continuity, the record library, the audience survey, radio remotes, managing an AFRTS radio program package, maintenance, supplies and establishing a broadcast SOP. Crd hrs: 5.

Subcourse: DI0460

Title: Plan and Produce an Electronic Field Production/TV Spot Announcement.

Description: Provides the senior broadcaster a general knowledge and understanding of how to plan and produce television spot announcements and electronic field productions. Crd hrs: 5.

Subcourse: DI0500

Title: Senior Public Affairs.

Description: Learn how to participate in crisis management team operations, coordinate and evaluate a news conference/briefing, provide input to the public affairs annex of contingency OPLANS/MOPLANS, and establish a satellite public affairs activity. MOS: 46Q30/40, 46R30/40. Crd hrs: 5.

Table 3–9

Defense Language subcourses (DL)

Subcourse: DL1101—DL1110

Title: Russian Reading.

Description: This series contains authentic Russian newspaper clippings as text. Includes photos with captions, weather reports, and short articles on military topics. Crd hrs: 10 for each subcourse; 100 total. (No individual subcourse enrollments.)

Subcourse: DL1201—DL1210

Title: Russian Listening.

Description: This series contains recordings from the Soviet media including announcements, weather reports, news about the space program, elections and natural disasters. Crd hrs: 10 for each subcourse; 100 total. (No individual subcourse enrollments.)

Subcourse: DL2101—DL2110

Title: Polish Reading.

Description: This series contains authentic Polish newspaper clippings as text. Articles include maps, notices, advertisements, and short items concerning the military. Crd hrs: 10 for each subcourse; 100 total. (No individual subcourse enrollments.)

Subcourse: DL2201—DL2210

Title: Polish Listening.

Description: This series contains recordings from the Polish media including weather reports, program schedules, news bulletins, announcements, commentaries, and interviews. Crd hrs: 10 for each subcourse; 100 total. (No individual subcourse enrollments.)

Subcourse: DL3101—DL3110

Title: Czech Reading.

Description: This series contains articles from Czech newspapers and magazines as text. Includes authentic tables of contents, maps, weather reports and classified advertisements. Crd hrs: 10 for each subcourse; 100 total. (No individual subcourse enrollments.)

Subcourse: DL3201—DL3210

Title: Czech Listening.

Description: This series contains recordings from Czechoslovak media including information about military service, aviation, world events, and civil defense. Crd hrs: 10 for each subcourse; 100 total. (No individual subcourse enrollments.)

Table 3–10

Engineer subcourses (EN)

Subcourse: EN0053

Title: Explosives and Demolitions.

Description: Demolition materials; firing systems; calculation and placement of charges; construction demolitions; cratering and land clearing; safety, transportation, storage, and destruction of explosives. MOS: 12B/C. Crd hrs: 8.

Subcourse: EN0054

Title: Engineer Intelligence and Reconnaissance.

Description: Gathering, producing, and using engineer intelligence; planning, conducting and reporting engineer reconnaissance; preparation of reconnaissance reports. (Programmed format.) MOS: 12B/C. Crd hrs: 12.

Subcourse: EN0064

Title: Roads and Airfields I.

Description: Provides minimum essential knowledge needed in planning, construction, and maintaining military roads, Army airfields, and heliports. Includes nomenclature, design criteria, reconnaissance, location, layout, staking, and field methods of alignment; expedient methods of earthwork estimation; construction tasks such as clearing, earthwork, drainage, surfacing, and maintenance. (Programmed format.) Crd hrs: 12.

Subcourse: EN0065

Title: Field Fortifications.

Table 3-10
Engineer subcourses (EN)—Continued

Description: Fundamentals of protection; emplacements, entrenchments, and shelters; barbed wire entanglements; obstacles. MOS: 12B/C. Crd hrs: 15.

Subcourse: EN0069

Title: Frame Structures.

Description: Nomenclature of frame building members; construction print reading; layout of structures; characteristics of wood; materials and labor estimating; methods of in-place and precut construction; use of standard plans under Army Facilities Systems for theater of operations construction. Crd hrs: 14.

Subcourse: EN0113

Title: Construction Print Reading.

Description: Principles and methods, types and parts of prints, alphabet of lines, projections, and views; architectural drawings, working drawings, framing, concrete, masonry, riveting and welding; utilities drawings of water supply and distribution, plumbing, sewerage systems, and electrical distribution and wiring; heating and ventilating, bills of materials. Crd hrs: 10.

Subcourse: EN0158

Title: Utilities I.

Description: Layout and functions of simple water distribution systems; layout and operation of sewerage systems; plumbing installations; electrical systems; refrigeration; and organization and operation of utilities teams. MOS: 52C. Crd hrs: 20.

Subcourse: EN0353

Title: Nonstandard Military Bridges.

Description: Fixed bridges—principles of reconnaissance, site selection, surveying and planning for bridge construction operations; the bridge and vehicle classification of highway and railroad bridges; design of nonstandard fixed bridge superstructures and substructures; design of semipermanent fixed railroad bridges; how to make connections; how to reinforce and repair existing bridge; and the Engineer Functional Components Systems. Crd hrs: 20.

Subcourse: EN0365

Title: Roads and Airfields II.

Description: Specifications for planning and supervising design and construction of military roads, airfields and heliports; design specifications and site selection; design of horizontal and vertical curves; drainage computations, preparation and use of the mass diagram; subcourse, base course, surface course; design, maintenance and rehabilitation. Crd hrs: 21.

Subcourse: EN0375

Title: Construction Management.

Description: Management of military construction in the theater of operations including project analysis, planning, and scheduling techniques by the critical path method; estimating and control techniques; and theater of operations installation. Crd hrs: 19.

Subcourse: EN0389

Title: Utilities II.

Description: Design principles, construction, operation and maintenance of utilities systems for large, semipermanent installations in the theater of operations, including electrical power and distribution systems, water distribution systems, sewage collection and disposal systems. Crd hrs: 8.

Subcourse: EN0390

Title: Military Railroads.

Description: Teaches the nomenclature, functions, and rehabilitation techniques used in railroad operations. Crd hrs: 3.

Subcourse: EN0391

Title: Land Clearing.

Description: Planning steps and considerations for employment of land clearing operations; familiarization with clearing methods and techniques; planning considerations for logistic support during land clearing operations and convoy maintenance operations; safety pointers gained from experience. Crd hrs: 7.

Subcourse: EN0501

Title: Combat Engineer.

Description: Engineer reconnaissance and intelligence; handtools and rigging; engineer equipment; construction planning; soils in construction; roads and culverts; bridges and expedient stream crossing. MOS: 12B/C. Crd hrs: 22.

Subcourse: EN0508

Title: Bridge Specialist, Part 2.

Description: Concept of river crossing operations; light and heavy floating equipment; characteristics and employment of M4T6, Class 60 and mobile assault bridge; anchorage systems; armored vehicle launched bridge; and expedient river crossing devices. MOS: 12C. Crd hrs: 24.

Table 3–10
Engineer subcourses (EN)—Continued

Subcourse: EN0533

Title: Carpentry III.

Description: Cabinetworks; special woods; wood grain direction; joints; prefabricated frame and metal buildings; construction for temperate, tropic and arctic regions; heavy timber construction; warehouse loading docks; maintenance problems; waterfront structures; repairs. MOS: 51B. Crd hrs: 11.

Subcourse: EN0562

Title: Painting I.

Description: Selection and mixing of paints, operation and maintenance of paint equipment, proper storage of paint supplies, identification of metals and detection and prevention of corrosion, safety. MOS: 51B. Crd hrs: 10.

Subcourse: EN0563

Title: Painting II.

Description: Preparation of wood, masonry and metal surfaces; estimating paint requirements; fundamentals of work inspection and acceptable standards. MOS: 51B. Crd hrs: 12.

Subcourse: EN0591

Title: Surveying I (Mathematics and Survey Principles).

Description: General survey principles; mathematics including geometry, trigonometry, and logarithms; care, use, and operation of the common surveying instruments and equipment; and general field work procedures. MOS: 82B/D. Crd hrs: 20.

Subcourse: EN0592

Title: Surveying II (Plane and Surveying Operations).

Description: Survey traverses, the stadia method, plane table surveys, triangulation, and leveling operations. MOS: 82B/D. Crd hrs: 17.

Subcourse: EN0593

Title: Surveying III (Topographic and Geodetic Surveys).

Description: Precise topographic surveying based upon geodetic survey methods including astronomic observations and electronic measuring systems. MOS: 82D. Crd hrs: 22.

Subcourse: EN0594

Title: Surveying IV (Construction Surveys).

Description: Construction survey operations including recording of survey data, plotting, and calculations. MOS: 82B. Crd hrs: 12.

Subcourse: EN5110

Title: Prepare a Plumbing Takeoff List (Plumbing I).

Description: Instructions for preparing a plumbing takeoff list, extracting information from a construction drawing legend, identifying plumbing symbols, and listing plumbing materials. MOS: 51K. Crd hrs: 12.

Subcourse: EN5111

Title: Water Supply (Plumbing II).

Description: Instructions for installing plumbing water supply pipe systems to include tubing, pipes, and fixtures; welding and soldering; and testing system for leaks. MOS: 51K. Crd hrs: 11.

Subcourse: EN5112

Title: Waste Systems (Plumbing III).

Description: Instructions for preparing, connecting, and installing pipes in a waste system. Information on waste system materials and rough-in procedures. MOS: 51K. Crd hrs: 11.

Subcourse: EN5113

Title: Plumbing Fixtures (Plumbing IV).

Description: Description of the procedures and equipment used to install lavatories and sinks; water closets with tanks; and urinals including tests for mechanical operations and leaks. MOS: 51K. Crd hrs: 12.

Subcourse: EN5114

Title: Repair Valve and Fixture Control Devices (Plumbing V).

Description: Instructions on the identification and repair of valves and on the repair of fixture control devices including disassembly and troubleshooting procedures. MOS: 51K. Crd hrs: 11.

Subcourse: EN5115

Title: Clear Waste System Stoppages (Plumbing VI).

Description: Instructions on clearing stoppage in plumbing fixtures and waste drain lines, and identifying and using different plumbing tools. MOS: 51K. Crd hrs: 7.

Subcourse: EN5140

Table 3–10
Engineer subcourses (EN)—Continued

Title: Prepare an Electrical Materials Takeoff List.

Description: Identify electrical symbols; describe methods used to extract information from a construction print and legend; and list electrical materials by type, size, and amount from a construction print. MOS: 51R. Crd hrs: 2.

Subcourse: EN5141

Title: Install Service Entrance Systems.

Description: Principles of installing service entrance systems including overhead systems and underground service. MOS: 51R. Crd hrs: 4.

Subcourse: EN5142

Title: Install Electrical Boxes.

Description: Instructions on identifying, understanding the uses of, and installing electrical boxes, cover plates, and special devices. Also teaches how to calculate the number of conductors an electrical box should contain. MOS: 51R. Crd hrs: 1.

Subcourse: EN5143

Title: Install Conduit Systems.

Description: Instructions on installing conduit systems as per the construction prints and the National Electrical Code. MOS: 51R. Crd hrs: 8.

Subcourse: EN5144

Title: Install Systems, Equipment, and Component Grounds.

Description: Principles of installing systems, equipment and component grounds including grounding electrodes and circuit grounds. MOS: 51R. Crd hrs: 6.

Subcourse: EN5145

Title: Install Convenience Devices.

Description: Description and installation procedures for convenience devices including switches, receptacles, and lighting fixtures. MOS: 51R. Crd hrs: 3.

Subcourse: EN5146

Title: Install Circuit Protective Devices.

Description: Description and installation procedures for circuit protective devices including fuses, circuit breakers, and ground fault circuit interrupters. MOS: 51R. Crd hrs: 2.

Subcourse: EN5151

Title: Design Forms for a Concrete Wall.

Description: Selecting proper material and determining the amount of material needed and the time required to design forms for concrete walls. MOS: 51H. Crd hrs: 5.

Subcourse: EN5152

Title: Design Forms for a Concrete Column.

Description: Selecting proper materials and determining the yoke spacing required to design forms for concrete columns. MOS: 51H. Crd hrs: 2.

Subcourse: EN5153

Title: Design Forms for an Overhead Concrete Slab.

Description: Selecting proper materials and determining uniform loads and spacing required to design forms for concrete slabs. MOS: 51H. Crd hrs: 2.

Subcourse: EN5154

Title: Estimate Materials for a Wall Form.

Description: Completion of materials estimates for each of the components needed to construct wall forms. MOS: 51H. Crd hrs: 3.

Subcourse: EN5155

Title: Carpentry I.

Description: Instructions on reading construction prints, identifying drawing legends and symbols, preparing a materials takeoff list, and maintaining tools and equipment. MOS: 51B. Crd hrs: 7.

Subcourse: EN5156

Title: Carpentry II.

Description: Instructions on floor planning, subflooring and wall sheathing, doors and windows, roof covering materials and accessories, finished floors, and stairway construction. MOS: 51B. Crd hrs: 6.

Subcourse: EN5157

Title: Masonry.

Table 3–10
Engineer subcourses (EN)—Continued

Description: Instructions on selecting mortar materials and mixing mortar, constructing a concrete block wall and constructing a brick wall. MOS: 51C. Crd hrs: 6.

Subcourse: EN5160

Title: Prefabricated Structures.

Description: How to interpret assembly instructions and procedures and construction drawing for a prefabricated metal building. MOS: 51H. Crd hrs: 2.

Subcourse: EN5161

Title: Mats and Membranes.

Description: Instructions on supervising repair of an airfield. Covers procedures for placing membranes, and placing, removing, and estimating airfield matting. MOS: 51H. Crd hrs: 3.

Subcourse: EN5258

Title: Brake Systems.

Description: Perform tasks related to troubleshooting, adjusting, and repairing brake systems found on items of engineer construction equipment. Hydraulics, air, and air-over-hydraulic brake systems; adjustment of winch brake found on a D7F crawler tractor. MOS: 62B. Crd hrs: 7.

Subcourse: EN5259

Title: Diesel Fuel Systems.

Description: How to perform tasks related to the adjustment, repair, or replacement of components of diesel fuel systems found on items of engineer construction equipment. MOS: 62B. Crd hrs: 10.

Subcourse: EN5260

Title: Hydraulic Systems.

Description: How to adjust and repair hydraulic pumps and valves used on construction equipment. Information on positive displacement hydraulic pumps and the procedures required to disassemble, repair, and reassemble them. Also, construction, operation, and repair of hydraulic control valves. MOS: 62B. Crd hrs: 4.

Subcourse: EN5261

Title: Establish and Maintain a Technical Reference Library.

Description: How to perform tasks related to establishing and maintaining a technical reference library. MOS: 62B. Crd hrs: 5.

Subcourse: EN5262

Title: Engineer Construction Equipment-Steering System.

Description: How to diagnose malfunctions, make adjustments, and repair a clutch and brake steering system and power steering system. MOS: 62B. Crd hrs: 4.

Subcourse: EN5263

Title: Schematic.

Description: Teaches the skills and knowledge necessary to read electrical wiring and hydraulic circuit diagrams which are used by mechanics to troubleshoot electrical and hydraulic systems. Terminal learning objective is interpreting schematics used in troubleshooting procedures for engineer construction equipment. MOS: 62B. Crd hrs: 8.

Subcourse: EN5264

Title: Engineer Construction Equipment Test, Measuring and Diagnostic Equipment.

Description: How to properly use the various test, measuring, and diagnostic equipment needed to perform various tasks related to the repair of engineer construction equipment. MOS: 62B. Crd hrs: 12.

Subcourse: EN5266

Title: Engineer Construction Equipment Maintenance Concepts and Operations.

Description: Teaches tasks relating to the administration and management of a maintenance activity at unit level. MOS: 62B. Crd hrs: 9.

Subcourse: EN5301

Title: Map Mathematics (Cartography I).

Description: Basic skill (or refresher) in map mathematics including basic algebra, decimals and the metric system; engineer metric and inbar scales in cartography. MOS: 81C. Crd hrs: 6.

Subcourse: EN5302

Title: Grid Construction Plotting and Projection Graticules (Cartography II).

Description: Instruction and hands-on training in preparing a map base to include universal transverse mercator grid construction, transverse mercator projection plotting, and plotting geodetic controls. MOS: 81C. Crd hrs: 20.

Subcourse: EN5303

Table 3–10
Engineer subcourses (EN)—Continued

Title: Aerial Photography (Cartography III).

Description: Instructions for identifying aerial photographic imagery using a pocket stereoscope; preparing an aerial photographic line index; and establishing supplementary control. MOS: 81C. Crd hrs: 5.

Subcourse: EN5307

Title: Color Separation (Cartography VII).

Description: Instructions on color separating maps. Discusses the color separation process in multicolor printing. MOS: 81C. Crd hrs: 8.

Subcourse: EN5308

Title: Map Editing (Cartography VIII).

Description: How to perform section quality control checks and edits during map production. MOS: 81C. Crd hrs: 6.

Subcourse: EN5309

Title: Map Overlays (Cartography IX).

Description: Instructions on preparing map overlays. Discusses techniques, materials, equipment, and uses of map overlays. MOS: 81C. Crd hrs: 6.

Subcourse: EN5316

Title: Estimating Time and Materials For A Lithographic Project.

Description: Instructions for estimating the amount of time and material required for a printing project. Includes information on production time, operating time production guidelines, and materials guidelines. MOS: 83F. Crd hrs: 6.

Subcourse: EN5319

Title: US Army Lithographer.

Description: Instructions on planning a printing project. Covers scheduling reproduction projects and preparing production control charts. MOS: 83F. Crd hrs: 2.

Subcourse: EN5341

Title: Geology and Surface Material Analysis.

Description: Instruction on how to identify elements of the basic geology and soils. MOS: 81Q. Crd hrs: 9.

Subcourse: EN5453

Title: Soils Engineering.

Description: Instruction on determining soil strength of swelling, nonswelling, and free-draining soils using California Bearing Ratio; determining after soil emplacement, field density and moisture content; using test data to determine stabilizing agents, the quantities required, and the construction sequence for given soils; and directing a deliberate soil survey. Crd hrs: 10.

Subcourse: EN5458

Title: Flexible Pavement Structures.

Description: Design considerations of subgrade, base, and surface for roads, airfields, and heliports in the theater of operation; design flexible airfield pavement; design flexible pavement for frost conditions; and construct Theater of Operations flexible pavements. Crd hrs: 9.

Subcourse: EN5459

Title: Bituminous Pavements.

Description: Components and classification of bituminous pavements; estimating materials required; planning and managing the placement; estimating the time required; determining required aggregate gradation specifications; managing operation of a hot mix plant; and supervising maintenance of bituminous surfaces. (Prerequisite: EN5458.) Crd hrs: 9.

Subcourse: EN5460

Title: LOTS and Ports.

Description: Characteristics of logistics over-the-shore (LOTS) and Ports, how each operation develops, and how the Army engineers support these operations. Crd hrs: 4.

Subcourse: EN5462

Title: Geology.

Description: Identifying rock types from written descriptions and line drawings; identifying engineering properties of rocks in terms of construction use. Information on rock types and properties, geological structures; surficial features and construction materials, and water well production and supply. Crd hrs: 7.

Subcourse: EN5463

Title: Quarry Operations I.

Description: Instruction for identifying procedures to select a quarry site; developing a layout and an operation plan for a quarry. Crd hrs: 4.

Subcourse: EN5464

Title: Quarry Operations II.

Table 3–10
Engineer subcourses (EN)—Continued

Description: Instruction on analyzing rock crushing requirements, selecting proper equipment, choosing a site and planning a layout for a rock crusher complex, evaluating the operation of a complex, and estimating production rates for quarrying and rock crushing equipment. Crd hrs: 4.

Subcourse: EN5465

Title: Drainage Engineering.

Description: Instruction on describing and using hydrology; identifying characteristics of runoff and erosion; designing and placing open and closed culverts; calculating runoff using the stripper method and the rational method; and describing methods for controlling erosion. Crd hrs: 10.

Subcourse: EN5466

Title: Concrete Engineering.

Description: Characteristics and properties of the components of concrete; ways to design concrete mixes; determining quantities of concrete needed for specific construction projects; form-work design; mixing, placing, and curing of concrete; and physical plants used in the production of concrete. Crd hrs: 9.

Subcourse: EN5478

Title: Equipment Utilization.

Description: Selecting and planning the employment of earthmoving, compaction and ditching, and lifting and loading equipment. Estimating production rates for this construction equipment. Crd hrs: 10.

Subcourse: EN5479

Title: Tactical Planning and the Engineer Estimate.

Description: Addresses the relationship between the engineer estimate and the command estimate. The engineer estimate is an extension of the command estimate. The staff engineer conducts the engineer estimate concurrently with the corresponding step of the command estimate. The engineer estimate uses information from the command estimate and converts it into facts, assumptions, and planning factors. The staff engineer uses these as he analyzes the mission and plans for combat. Crd hrs: 6.

Subcourse: EN5480

Title: The Engineer in Defense.

Description: Addresses the basic doctrinal principles of engineer missions in support of defensive operations. Identifies how engineer support differs in two defensive patterns, and application of mobility, countermobility and survivability to defensive operations. Crd hrs: 9.

Subcourse: EN5481

Title: Armored Battalion/Task Force Attack Planning.

Description: Overview of the AirLand operations and offensive operations; structures of infantry, armor, and combat engineer battalions and how they organize for the offense; mechanics of offensive planning as they apply to an armored battalion/task force; planning a deliberate attack; engineer considerations in the armored battalion/task force deliberate attack. Crd hrs: 9.

Subcourse: EN5482

Title: Introduction to Planning River Crossing Operations.

Description: Fundamentals of maneuver brigade river crossing operations and engineer support of the crossings. Describes how a maneuver brigade executes a river crossing; discusses engineer planning requirements for river crossing operations and the integration of these requirements with the maneuver brigade planning process. Crd hrs: 6.

Subcourse: EN5483

Title: Direct the Employment of Engineers.

Description: Addresses how the engineer staff officer/commander directs the employment of engineers in support of a maneuver force engaged in combat operations. Crd hrs: 6.

Subcourse: EN5484

Title: The Engineer Company As Infantry.

Description: Describes reorganization and employment considerations and procedures when engineers must fight as infantry; explains the authority to reorganize engineers as infantry and considerations for committing engineers as infantry; outlines the conditions requiring engineers to fight as infantry, missions for engineers committed as infantry, and unit standing operating procedures for reorganization as infantry; addresses small unit defense using a fictional narrative, "The Defence of Duffer's Drift." Crd hrs: 6.

Subcourse: EN5485

Title: Obstacles and Survivability Operations.

Description: Doctrinal principles of countermobility operations. Basic principles for planning, execution, and destruction of obstacles; plan and integrate obstacles; make accurate denial operations recommendations to the maneuver commander. Crd hrs: 9.

Subcourse: EN5501

Title: Landmine Warfare, Part I.

Table 3-10
Engineer subcourses (EN)—Continued

Description: Instructions on directing the work of minefield parties, and the operation of a one-gallon chemical mine and a hasty minefield breach and emplacement. MOS: 12B. Crd hrs: 7.

Subcourse: EN5503

Title: Landmine Warfare, Part II.

Description: Instructions in planning logistical requirements and supervising the installation and removal of the standard pattern minefield. MOS: 12B. Crd hrs: 2.

Subcourse: EN5581

Title: Explosives and Demolitions.

Description: Preparing a Demolition Reconnaissance Report and preparing/compiling non-nuclear demolition target folders. MOS: 12B/C. Crd hrs: 3.

Subcourse: EN5621

Title: Conduct Reconnaissance Part I.

Description: How to perform tasks relating to recording, reporting, and documenting information regarding hasty or deliberate route reconnaissance. How to prepare a route reconnaissance overlay and classify a route using route classification formula. MOS: 12B. Crd hrs: 4.

Subcourse: EN5622

Title: Conduct Reconnaissance Part II.

Description: How to conduct a route reconnaissance report and record the information gathered on route reconnaissance report forms in accordance with FM 5-36, STP 5-12B24 SM-TG, and other applicable publications. MOS: 12B. Crd hrs: 3.

Subcourse: EN5700

Title: Junior Enlisted Environmental Awareness Training.

Description: This training will provide an awareness of soldiers' responsibilities concerning the laws, regulations, policies, and procedures associated with the environmental program. Subcourse includes a video tape. Crd hrs: 5.

Subcourse: EN5702

Title: Small Unit Leaders Environmental Awareness Training.

Description: Discusses the four components of an installation environmental program; describes how environmental laws affect U.S. Army policy; reveals the points of contact on an installation for clarification of environmental regulations, laws, and policies; and discusses penalties. Includes a video tape. Crd hrs: 10.

Subcourse: EN5704

Title: Senior Leaders Environmental Awareness Training.

Description: Discusses the membership and responsibilities of the Environmental Quality Control Committee. Also discusses things that can be done to meet the U.S. Army's seven Environmental Quality goals. Crd hrs: 12.

Subcourse: EN5707

Title: Comply with Host-Nation, Federal, State, and Local Environmental Laws and Regulations.

Description: Discusses the Army's mission and environmental strategy into the next century; sources of environmental laws and regulations that impact the Army; the Army's comprehensive approach to environmental management and training. Crd hrs: 5.

Subcourse: EN5708

Title: Supervise Platoon Compliance with Host-Nation, Federal, State, and Local Environmental Laws and Regulations.

Description: Provides platoon leaders with the knowledge, skills, and abilities necessary to supervise compliance with host-nation, federal, state, and local environmental laws and regulations. Crd hrs: 5.

Subcourse: EN6005

Title: Assistant Division Engineer.

Description: The material presented in this subcourse will help you identify the organization, functions, and responsibilities of the Assistant Division Engineer in a Tactical environment. Crd hrs: 40.

Subcourse: EN6010

Title: Assistant Brigade Engineer.

Description: The material presented in this subcourse will help you identify the system available to assist you in your role as the Assistant Brigade Engineer. Crd hrs: 45.

Subcourse: EN6015

Title: Engineer Brigade and Battalion Task Force Heavy.

Description: The material presented in this subcourse will help you identify the system available to assist you in your role as the Task Force Heavy Engineer. Crd hrs: 40.

Table 3–10
Engineer subcourses (EN)—Continued

Subcourse: EN6020

Title: Task Force Engineer (Light).

Description: The material presented in this subcourse will help you identify the system available to assist you in your role as the Task Force Engineer. Crd hrs: 40.

Subcourse: EN6030

Title: Engineer Brigade and Battalion Executive Officer (XO).

Description: The material presented in this subcourse will help you identify the system available to assist you in your role as the Engineer BDE/BN Executive Officer. Crd hrs: 45.

Subcourse: EN6035

Title: Engineer Battalion/ Brigade S1.

Description: The material presented in this subcourse will help you identify the organization, functions, and responsibilities of the S1 in a Tactical environment. Crd hrs: 30

Subcourse: EN6040

Title: Engineer Battalion/ Brigade S2.

Description: The material presented in this subcourse will help you identify the systems available to assist you in your role as the Engineer BDE/BN S2. Crd hrs: 10

Subcourse: EN6045

Title: Brigade and Battalion S3.

Description: The material presented in this subcourse will help you identify the organization, functions, and responsibilities of the S3 in a Tactical environment. Crd hrs: 40

Subcourse: EN6050

Title: Engineer Battalion/ Brigade S4.

Description: The material presented in this subcourse will help you identify the organization, functions, and responsibilities of the S4 in a Tactical environment. Crd hrs: 35

Subcourse: EN6070

Title: Engineer Brigade Platoon Leader (Heavy Divison).

Description: The material presented in this subcourse will help you identify the organization, functions and responsibilities of the Engineer Brigade Platoon Leader in a Tactical environment. Crd hrs: 30

Table 3–11
Field Artillery subcourses (FA)

Subcourse: FA3003

Title: Record and Maintain DA Form 4513.

Description: Record and maintain DA Form 4513 (Record of Missions Fired). MOS: 13B. Crd hrs: 3.

Subcourse: FA3074

Title: Hasty Survey.

Description: Procedures for establishing the azimuth of the orienting line using simultaneous observation, observing Polaris-Kochab, and using directional traverse; graphic resection and graphic traverse. (Prerequisites: FA6010 and FA6005.) MOS: 13B. Crd hrs: 3.

Subcourse: FA3117

Title: Field Artillery Cannon Ammunition.

Description: How to select, inspect and assemble compatible field artillery ammunition components. Includes identifying the procedures for setting fuse options. Also, functioning of fuses, projectiles, propellant, and primers. MOS: 13B. Crd hrs: 8.

Subcourse: FA3119

Title: Field Artillery Ammunition III.

Description: Prepare semifixed ammunition for firing; prepare separate-loading ammunition for firing; load separate and semifixed ammunition for firing; misfire procedures; store ammunition in preparation for firing; inspect ammunition for serviceability prior to firing; select the most suitable ammunition to achieve effects. (Prerequisite: FA3117.) MOS: 13B. Crd hrs: 6.

Subcourse: FA3143

Title: Duties During Firing.

Description: Duties during firing, safety during firing, and misfire procedures. This subcourse is designed to prepare the student for the resident portion of the Reserve Component Officer Advanced Course. Crd hrs: 6.

Subcourse: FA3146

Table 3–11
Field Artillery subcourses (FA)—Continued

Title: Maintenance Supervision 105mm Howitzer, M101A1, Towed.

Description: General and specific characteristics of the 105mm howitzer M101A1; description, function, and maintenance requirements of the recoil mechanism to include the pneumatic respirator. Adjusting respirator and establishing correct recoil oil pressure. Barrel and breech assembly components, function, and maintenance requirements. Prefire check procedure. General maintenance and lubrication procedures and inspection checks. MOS: 13B. Crd hrs: 6.

Subcourse: FA3147

Title: Maintenance Supervision of The M102 Howitzer.

Description: General characteristics, nomenclature, and functioning of the main assemblies of the M102 howitzer. Prefire checks, scheduled maintenance checks, and tests and adjustments of fire control instruments. Scheduled crew and organizational lubrication service. MOS: 13B. Crd hrs: 10.

Subcourse: FA3149

Title: Maintenance Supervision 155mm Howitzer M109/M109A1–A3 Self–Propelled.

Description: Maintenance responsibilities; inspection standards and techniques; prefire checks and alignment tests. Electrical and hydraulic systems, traverse mechanisms, loader rammer. Operation under unusual conditions. After-operation checks and maintenance. MOS: 13B. Crd hrs: 3.

Subcourse: FA3150

Title: Maintenance Supervision of M198 Howitzer.

Description: Trains officers and NCO's in verifying charging and purging the fire control equipment, monitoring assembly and disassembly of the breech and firing mechanism, verifying services on the recoil mechanism, breech, counterbalance, equilibrators, and M17 and M18 fire control quadrants. MOS: 13B. Crd hrs: 3.

Subcourse: FA3151

Title: Maintenance of the Carrier Ammunition Tracked (CAT).

Description: Teaches maintenance and maintenance supervision on the CAT. Includes PMCS, repair and adjustment of the conveyor, checks and services on the ventilated face mask system and fire extinguisher system. MOS: 13B. Crd hrs: 3.

Subcourse: FA3173

Title: Supervise Measuring and Report Correct Data.

Description: Aiming circle operation; executive officer's report; determining correct deflection; measuring correct azimuth and computing orienting angle and azimuth of fire; boresighting and correction of boresighting errors. (Prerequisite: FA3420.) MOS: 13B. Crd hrs: 3.

Subcourse: FA3175

Title: Verify and Perform Lay and Alignment by Using the M–100 Series Sight.

Description: Emplace and recover the M1/M1A1 collimator; align the aiming posts and collimator using the M100–Series Sight; lay the howitzer for deflection by using the M100–Series Sight; the officer in charge will verify that the soldier has properly performed the tasks, but will not actually perform the tasks himself; a checklist is provided to assist the officer in grading the soldier. MOS: 13B skill levels 1 and 2. Crd hrs: 4.

Subcourse: FA3310

Title: Sweep and Zone Fires.

Description: Receiving/determining deflections and quadrants to fire during a sweep and zone fire mission; computing the total number of rounds and the order in which they are to be fired. MOS: 13B. Crd hrs: 3.

Subcourse: FA3311

Title: Fire Control Alignment Tests for the M109–Series Self–Propelled Howitzer.

Description: Perform fire control alignment tests (M109–series). MOS: 13B. Crd hrs: 3.

Subcourse: FA3312

Title: Use and Operation of the Gunner's Quadrant.

Description: Includes the micrometer and end-for-end tests, laying for quadrant elevation and measuring the quadrant with the gunner's quadrant. MOS: 13B. Crd hrs: 3.

Subcourse: FA3313

Title: Maintain DA Form 2408–4.

Description: Terms, definitions, form entries, and disposition of DA Form 2408–4 (Weapon Record Data). MOS: 13B. Crd hrs: 3.

Subcourse: FA3314

Title: Maintenance on the M–119 Light Towed Howitzer.

Description: Prepare a DA Form 2404 (Equipment Inspection and Maintenance Worksheet) and perform operator/crew preventive maintenance checks and services on the M–119 Howitzer. Crd hrs: 3.

Subcourse: FA3330

Table 3–11
Field Artillery subcourses (FA)—Continued

Title: Boresighting the M–109 Series Howitzer.

Description: Boresight the direct fire telescope using the distant aiming point (DAP); test target; boresight the panoramic telescope using a DAP; use of the M–140 alignment device to verify boresight. MOS: 13B. Crd hrs: 3.

Subcourse: FA3350

Title: Duties During Boresighting the 155mm M198 Towed Howitzer.

Description: Boresighting the direct fire telescope using a distant aiming point to an accuracy of 0 mils to ensure parallel alignment with the howitzer tube. Also discusses how to check boresight of the panoramic telescope with the M139 alignment device (M198). MOS: 13B. Crd hrs: 3.

Subcourse: FA3351

Title: Perform Fire Control Alignment Test on the 155mm M198 Towed Howitzer.

Description: How to perform and verify fire control alignment test on the 155mm M198 howitzer using on-carriage fire control equipment, gunners quadrant, M139 alignment device, and the weapon technical manual. MOS: 13B. Crd hrs: 3.

Subcourse: FA3372

Title: Perform Fire Control Alignment Test on the 105mm M101A1 Towed Howitzer.

Description: How to perform and verify fire control alignment test on the 105mm M101A1 Towed Howitzer using on-carriage fire control equipment, plumb live weight in liquid, testing target and the weapon technical manual. MOS: 13B. Crd hrs: 3.

Subcourse: FA3381

Title: Boresighting the 105mm M101A1 Towed Howitzer.

Description: Boresight the direct fire telescope using either a distant aiming point or a testing target. Sight on a target with the direct fire telescope. MOS: 13B. Crd hrs: 2.

Subcourse: FA3420

Title: Primary and Alternate Method of Laying the Firing Battery and Measuring the Azimuth and Orienting Angle.

Description: Tasks related to laying the firing battery/platoon, including laying by orienting angle method, laying by grid azimuth, laying by M2 compass, laying by aiming point and deflection method and laying by howitzer back-lay method. MOS: 13B. Crd hrs: 5.

Subcourse: FA3421

Title: Laying and Verifying the Lay of the 105mm M101A1 Towed Howitzer.

Description: Laying and verifying the lay of the 105mm M101A1 towed howitzer for quadrant using the range quadrant, and sighting on a target using the direct fire telescope. MOS: 13B. Crd hrs: 3.

Subcourse: FA3422

Title: Perform the Duties for Laying the 105mm M102 Howitzer.

Description: Teaches laying and verifying the lay of the 105mm M101A2 towed howitzer for quadrant using the range quadrant, and sighting on a target using the direct fire telescope. MOS: 13B. Crd hrs: 2.

Subcourse: FA3424

Title: Laying and Verifying the Lay of the 155mm M198 Towed Howitzer for Quadrant Using the Range Quadrant.

Description: How to set and lay the howitzer for quadrant with the range quadrant (M198), measure the quadrant with the range quadrant (M198), and sight on a target with the direct fire telescope (M198). MOS: 13B. Crd hrs: 3.

Subcourse: FA3427

Title: Calibration and Muzzle Velocity Management.

Description: Direct and evaluate calibration procedures and identify the proper procedures for determining a subsequent lot inference. Crd hrs: 6.

Subcourse: FA3428

Title: Field Artillery Communications Systems Architecture.

Description: Describes the internal and external communications requirements for various artillery organizations (platoon level through corps) and discusses coordination considerations for the employment of communications systems. Crd hrs: 9.

Subcourse: FA3429

Title: Field Artillery Combat Service Support Operations.

Description: Field artillery battalion trains concepts, duties of combat service support (CSS) personnel and how CSS operations are conducted. Crd hrs: 5.

Subcourse: FA4025

Title: Field Artillery Map Reading.

Description: Map symbols and features, using the marginal information and topographic symbols, recognizing various land-forms and irregularities of the earth surface; military grid reference system using the universal transverse mercator and unipolar stereographic grids, 100,000 meter square identification, and the exact location to the point; determining direction and location; using a protractor to measure

Table 3–11
Field Artillery subcourses (FA)—Continued

azimuth, using an M2 compass, orienting a map using the M2 compass, converting degrees and mils, converting azimuth with the declination diagram. MOS: 13B/C/E/F/M/N/T, 39C, 82C, and 93F. Crd hrs: 16.

Subcourse: FA4201

Title: Determine Target Locations and Direction.

Description: Determine target locations by grid coordinates, polar plot and shift from a known point. Determine direction to targets using M2 compass, map and observed fire fan. (Prerequisites: IS0788 and FA4025.) MOS: 13F. Crd hrs: 4.

Subcourse: FA4202

Title: Call for and Adjust Area Fire.

Description: Prepare a call for fire in proper sequence and transmit call for fire to fire direction center; determine observer spottings, OT factor, observer deviation corrections, observer range corrections, height of burst spottings, and height of burst corrections; fire for effect, refinement, and surveillance; conduct a suppression and immediate suppression mission. (Prerequisites: IS0788 and FA4201.) MOS: 13F. Crd hrs: 5.

Subcourse: FA4203

Title: Fire Support Target Lists, Status Charts, Situation Maps, and Capabilities Overlays.

Description: Submit a correct Forward Observer target list to the fire support team; correctly display all nongraphical information required by the fire support office indicating the current status of fire support assets responsive to the supported unit commander; plot and label all current tactical information on a map; produce a consolidated target list, transmit and dispatch it to the appropriate fire support agencies; prepare an overlay that portrays range capabilities of all given fire support elements IAW FM 6–20. (Prerequisites: IS0788 and FA4025.) MOS: 13F. Crd hrs: 8.

Subcourse: FA4215

Title: Select and Occupy Observation Post and Construct a Terrain Sketch.

Description: Selecting an observation post by map and physical reconnaissance; panoramic representation of terrain; determining direction to reference points and objects. (Prerequisite: FA4201.) MOS: 13F. Crd hrs: 3.

Subcourse: FA4224

Title: Set Up and Test the Ground/Vehicle Laser Location Designator (G/VLLD).

Description: Set up the G/VLLD, perform operational test, connect the night sight and Digital Message Device. MOS: 13F. Crd hrs: 7.

Subcourse: FA4225

Title: Operation of the Ground/Vehicle Laser Locator Designator (G/VLLD) AN/TVQ–2.

Description: How to adjust indirect fire with the AN/TVQ–2 (G/VLLD), observe a high-burst registration with G/VLLD, designate targets for laser guided munitions, and construct a laser range danger fan for the G/VLLD. (Prerequisite: IS0788.) MOS: 13F. Crd hrs: 6.

Subcourse: FA4230

Title: Conduct a Precision Registration.

Description: How to conduct impact and time registrations for howitzers and mortars. Includes selecting registration points and the use of an observed fire fan, coordinate scale, compass and binoculars. (Prerequisite: FA4202.) MOS: 13F. Crd hrs: 4.

Subcourse: FA4231

Title: Special Situations.

Description: How to request and adjust area fire using creeping procedures; request and adjust final protective fires; require and adjust fire on irregularly shaped targets; request and adjust navel gunfire. (Prerequisites: IS0788, FA4201, and FA4202.) MOS: 13F. Crd hrs: 8.

Subcourse: FA4234

Title: Request and Adjust Smoke Missions.

Description: Procedures for requesting and adjusting immediate and quick smoke missions; the different types of systems capable of delivering smoke; various delivery techniques used in the employment of smoke; employment considerations such as weather, length and attitude of the quick smoke screen, time, terrain, temperature, humidity, and precipitation; maintaining of correct quick smoke. (Prerequisites: IS0788, FA4201, FA4202, and FA4231.) MOS: 13F. Crd hrs: 2.

Subcourse: FA4236

Title: Reference Points, Registration Points, and Forward Observer Target List.

Description: Identify sharply defined terrain features for use as reference points, determine center of zone of operation, determine coordinates for the registration point, prepare and submit a forward observer target list, and plot targets on a map. (Prerequisite: IS0788, FA4201, and FA4202.) MOS: 13F. Crd hrs: 6.

Subcourse: FA6001

Title: Introduction to Field Artillery Survey.

Description: Introduction to field artillery survey methods, procedures, echelons, equipment, and terms. MOS: 82C. Crd hrs: 2.

Subcourse: FA6005

Table 3–11
Field Artillery subcourses (FA)—Continued

Title: Aiming Circles.

Description: Procedures to set up/march order, measuring horizontal and vertical angles, declination, performing maintenance checks and adjustments of the aiming circle; performing observation post duties with the aiming circle; recording field notes. (Prerequisites: IS0788, FA6001, and FA6010.) MOS: 82C. Crd hrs: 6.

Subcourse: FA6006

Title: Theodolites, 0.2–mil and 0.002–mil.

Description: Set up and preparation for use; measuring 1– and 2– position horizontal and vertical angles; periodic tests and adjustments; care and maintenance. (Prerequisites: FA6001 and FA6010.) MOS: 82C. Crd hrs: 11.

Subcourse: FA6010

Title: Field Artillery Survey Mathematics and Recording Field Notes.

Description: Basic mathematical problems involving decimal fraction, artillery round-off procedures, algebraic numbers, ratio and proportion, interpolation, prepare field notebooks, and record field notes. (Prerequisites: FA6001.) MOS: 82C. Crd hrs: 4.

Subcourse: FA6031

Title: Survey Planning.

Description: Planning a traverse, triangulation, three-point resection, astronomic observation, simultaneous observation, selecting positions for observation posts, and marking survey stations. (Prerequisites: FA6001, FA6010, FA6005, FA6006, FA6007, FA6008, FA6009, and FA6023.) MOS: 82C. Crd hrs: 3.

Subcourse: FA6045

Title: Advanced Meteorological Procedures.

Description: Evaluating weather conditions to include measuring cloud heights; cold, warm, stationary, and occluded fronts; effects of frontal systems on the field artillery; what forms and charts the chief of the met section should perform quality control on. You must have the FA meteorology kit (FA6050) to complete this subcourse. (Prerequisites: IS0788, FA6046, FA6051, FA6053, FA6056, FA6058, FA6061, FA6062, FA6063, FA6064, FA6066, and FA6067.) MOS: 93F. Crd hrs: 3.

Subcourse: FA6050

Title: FA Meteorology Kit.

Description: No lessons. This adjunctive material kit contains all training aids needed for completion of meteorological subcourses. Crd hrs: 0.

Subcourse: FA6051

Title: Introduction to Field Artillery Meteorology.

Description: Weather corrections that apply to field artillery data; atmospheric variables; met section, organization, mission, equipment, and employment. You must have the FA meteorology kit (FA6050) to complete this subcourse. MOS: 93F. Crd hrs: 4.

Subcourse: FA6053

Title: Perform Surface Observations.

Description: Reading and recording barometric pressure to the nearest tenth of a millibar, and recording it on radiosonde. Determining surface wind direction and wind speed using anemometer ML–433. You must have the FA meteorology kit (FA6050) to complete this subcourse. (Prerequisites: FA6051, FA6054, FA6063, and FA6052.) MOS: 93F. Crd hrs: 6.

Subcourse: FA6054

Title: Balloon Inflation.

Description: Procedures used to erect inflation launching device; inflating and releasing a balloon train; safety procedures for grounding inflation equipment. You must have the FA meteorology kit (FA6050) to complete this subcourse. MOS: 93F. Crd hrs: 4.

Subcourse: FA6064

Title: Recording Met Data.

Description: Source of information needed to record ballistic and computer met messages; use of forms to encode messages. You must have the FA meteorology kit (FA6050) to complete this subcourse. MOS: 93F. Crd hrs: 3.

Subcourse: FA6066

Title: Perform Shift Chief Duties.

Description: Prepares staff sergeants to perform duties as the team chief. You must have the FA meteorology kit (FA6050) to complete this subcourse. (Prerequisites: FA6051, FA6052, FA6055, and FA6056.) MOS: 93F. Crd hrs: 3.

Subcourse: FA6133

Title: REMBASS.

Description: Troubleshoot and repair code programmer C10434/GSQ; repair the anti-intrusion sensor DT–561, DT–562, DT–565; repair the radio frequency monitor R–2016; repair the radio repeater RT–1175; repair sensor monitor set panel assembly; repair the antenna group OE–239. MOS: 39C. Crd hrs: 6.

Table 3-11
Field Artillery subcourses (FA)—Continued

Subcourse: FA6151

Title: Introduction to the Radar Sets AN/TPQ-36 and -37.

Description: An overall view of the Firefinder weapons locating radar sets AN/TPQ-36 and AN/TPQ-37. MOS: 13R. Crd hrs: 1.

Subcourse: FA6152

Title: Emplace the AN/TPQ-36/37 Radar Sets.

Description: Emplace the AN/TPQ-36/37 radar sets. MOS: 13R. Crd hrs: 2.

Subcourse: FA6153

Title: Startup/Shutdown Procedures of the AN/TPQ-36/37 Radar Sets.

Description: Perform the radar set AN/TPQ-36 startup and shutdown procedures including adjusting the B-Scope display, remove and install the magnetic cassette tape, remove power and high voltage, rewind the cassette tape, stow the antenna; perform the radar set AN/TPQ-37 startup and shutdown procedures including setting the trailer power distribution controls and switches, erecting the antenna electrically, turning the system on and off, and stowing the antenna manually without electrical power. MOS: 13R. Crd hrs: 4.

Subcourse: FA6154

Title: Initialization of AN/TPQ-36 and -37 Radar Sets (Part I).

Description: Boresight the AN/TPQ-36/37 antennas; load paper into the line printer; install a new map on the weapons location unit map drum; load the digital terrain map. MOS: 13R. Crd hrs: 4.

Subcourse: FA6155

Title: Initialization of the AN/TPQ-36 and -37 Radar Sets, (Part II).

Description: Initializing the AN/TPQ-36 and AN/TPQ-37 radar sets; loading the initialization program; starting and ending azimuth; weapons location program initialization; radar and manual terrain following. (Prerequisites: FA6153 and FA6154.) MOS: 13R. Crd hrs: 6.

Subcourse: FA6156

Title: Operation of the AN/TPQ-36 and -37 Radar Sets (Part I).

Description: Enter and delete zones with an operational AN/TPQ-36 or -37; recall and delete hostile weapons locations with an operational AN/TPQ-36 or -37 with the programmed operator proficiency trainer loaded. (Prerequisites: FA6153, FA6154, and FA6155.) MOS: 13R. Crd hrs: 5.

Subcourse: FA6157

Title: Operation of the AN/TPQ-36 and -37 Radar Sets (Part II).

Description: How to operate radar set AN/TPQ-36/37 in hostile and friendly modes; load the operational program; enter new hostile search parameters; press the radiate on switch lamp; process the hostile weapons locations; initiate the TACFIRE message; enter friendly fire search parameters; select friendly fire mode; process the friendly fire targets. (Prerequisites: FA6153, FA6154, FA6155, and FA6156.) MOS: 13R. Crd hrs: 10.

Subcourse: FA6158

Title: Preventive Maintenance Checks and Services on the Radar Systems AN/TPQ-36 and -37.

Description: Perform operator PMCS on the AN/TPQ-36 and -37 shelter and trailer including the computer and cartridge printer tests; perform the before, during, and after operation checks on the 60kW generator and the power plant electric AN/MJQ-25. (Prerequisites: FA6153, FA6155, FA6162, and FA6163.) MOS: 13R. Crd hrs: 4.

Subcourse: FA6160

Title: Prepare Radar Sets AN/TPQ-36 and -37 for Movement.

Description: The steps taken to prepare the radar set AN/TPQ-36 for movement by truck and helicopter, inspect the shelter equipment, lift and trailer lift slings for proper installation, the steps taken to prepare the AN/TPQ-37 for movement by truck and aircraft, perform a final inspection to insure all lifting equipment has been properly installed. MOS: 13R. Crd hrs: 5.

Subcourse: FA6163

Title: Interpret System Faults for Radar Sets AN/TPQ-36 and AN/TPQ-37.

Description: Interpreting system faults for radar sets AN/TPQ-36/37 on the weapons location unit and indicator lamps; interpreting on-line messages on the B-scope or line printer; clear channel sensing for the AN/TPQ-37; trailer test status monitor routine messages for the AN/TPQ-37. (Prerequisites: FA6153, FA6156, and FA6158.) MOS: 13R. Crd hrs: 8.

Subcourse: FA6164

Title: Power System for the Radar Set AN/TPQ-36/37.

Description: Proper emplacement and march order of the electric power plant MJQ-25 trailer; the pre-start, start, operational and stopping procedures for the 10kW and 60kW generators sets; 60kW load bank operation and shutdown procedures. (Prerequisites: FA6153, FA6154, FA6155, FA6156, FA6158, FA6162, and FA6163.) MOS: 13R. Crd hrs: 3.

Subcourse: FA6171

Title: The Field Artillery Target Acquisition System.

Table 3–11
Field Artillery subcourses (FA)—Continued

Description: Instruction on the roles, systems, organizations, and command and control of field artillery target acquisition assets. Crd hrs: 7.

Subcourse: FA6172

Title: Targeting Procedures in the Division Artillery Tactical Operations Center and the Field Artillery Brigade Headquarters.

Description: Function and organization of a DivArty, brigade, and manual tactical operations center; duties, organization, and targeting terminology and tools of the target production section; duties, organization, and tools of the order-of-battle section; duties, organization, target information flow, attack guidance, and immediate counterfire responsibilities of the fire control element. (Prerequisite: FA6171.) MOS: 13B/C/E/F. Crd hrs: 6.

Subcourse: FA6173

Title: The Targeting Process.

Description: Describe the field artillery fire planning process; identify the fire support coordination structure at Corps, Division, and Brigade levels; target acquisition and attack systems at Corps, Division, and Brigade levels, how spread sheets, target sheets, high payoff target matrix, attack guidance matrix, target selection standards matrix, doctrinal template, situation template, event template, and decision support templates are used in targeting; the use of TACFIRE in conjunction with the targeting matrixes. (Prerequisites: FA6171 and FA6172.) MOS: 13B/E/R, 17B, 82C, 93F. Crd hrs: 6.

Subcourse: FA6186

Title: Select a Site and Construct Visibility Profile and Visibility Diagram for Field Artillery Radar Sets.

Description: Selecting a site for field artillery radar sets, measuring and recording the mask angle for AN/TPQ–36/37, measuring and recording the start and end azimuths, constructing a visibility profile and a visibility diagram. (Prerequisites: IS0788 and FA6151.) MOS: 13R. Crd hrs: 2.

Subcourse: FA6188

Title: Alignment of the Radar Set AN/TPQ–37 (Part I).

Description: Perform the azimuth encoder alignment for the Q–37, perform azimuth limit switch alignment, perform elevation limit switch alignment, perform telescope reticle illuminator adjustment, perform tilt sensor alignment, perform azimuth drive assembly, brake release adjustment, and perform meter switch card alignment. MOS: 13R. Crd hrs: 4.

Subcourse: FA6189

Title: Shelter Alignment for Radar Sets AN/TPQ–36/37.

Description: Align the analog-to-digital converter card and the weapons Location Unit Map drum for the common shelter of Radar Set AN/TPQ–36/37. MOS: 13RX5. Crd hrs: 3.

Subcourse: FA6193

Title: Power Supply Adjustment for Radar Set AN/TPQ–37.

Description: How to perform tasks related to adjusting the power supply for Radar Set AN/TPQ–37. (Prerequisite: FA6164.) Crd hrs: 2.

Subcourse: FA6195

Title: Tacfire/Non-Tacfire Operations.

Description: Describes tacfire and non-tacfire situations and presents techniques for solving interface problems inherent in tacfire and non-tacfire operations. MOS: 13C. Crd hrs: 3.

Subcourse: FA6196

Title: Trailer Alignment for Radar Set AN/TPQ–36.

Description: Perform unit level trailer alignment for Radar Set AN/TPQ–36. (Prerequisite: FA6164.) Crd hrs: 2.

Subcourse: FA8000

Title: Field Artillery Battery RSOP, Advance Party Security Sweep, and Marches.

Description: Tasks related to the reconnaissance, selection, and occupation of a battery or platoon position (RSOP). Stresses the role of the battery commander in 3x6 organizations (battalions with three firing units, each equipped with six howitzers per unit) and gunnery sergeant in 3x8 configurations. Regardless of the unit configuration the fundamental RSOP tasks remain the same and are presented in four lessons. MOS: 13B. Crd hrs: 5.

Subcourse: FA8001

Title: Defense of the Field Artillery Battery.

Description: How to develop a field artillery battery or platoon defense plan; identify characteristics of a successful defense plan; and select appropriate defensive courses of action based upon a tactical scenario. (Prerequisite: FA8000.) MOS: 13B. Crd hrs: 6.

Subcourse: FA8014

Title: Crater Analysis and Shell Reports.

Description: Perform crater analysis and prepare and submit shell reports, bombing reports, and rocket reports. MOS: 13E/F/N/R, 82C, 93F. Crd hrs: 3.

Subcourse: FA8015

Table 3–11
Field Artillery subcourses (FA)—Continued

Title: Overlay Techniques.

Description: Basic concepts concerning overlays, lines, unit size indicators, color representation, equipment symbols, vehicles, unit and installation symbols; task organization for combat, defensive and offensive overlays, forms of maneuver, types of offensive operations, maneuver control measures. (Prerequisite: IS0788.) MOS: 13E/F/L/N/R, 17B, 82C, 93F. Crd hrs: 4.

Subcourse: FA8016

Title: Field Artillery Battalion RSOP and Military Motor Movement.

Description: Positioning FA battalions; commander's sequence of action from receipt of movement orders through reconnaissance, selection, and occupation of new position area; occupation of a position area without prior reconnaissance; selection of unit and installation locations; occupation and organization considerations; rules for military motor movement; scheduling unit movements; NATO road and bridge classification; march security considerations. (Prerequisites: FA8000 and FA8001.) MOS: 13B/E/F/N/R, 15E, 17B/C, 82C, 93F. Crd hrs: 9.

Subcourse: FA8017

Title: Field Artillery Split Battery RSOP and Marches.

Description: Reconnaissance and establishment of an advance party; supporting an advance guard; organization and preparation of a position; types of artillery positions including day and night, hasty and emergency; field artillery march methods, preparations and orders, march control, communications, discipline, contingencies and security, and sustaining actions. MOS: 13E. Crd hrs: 10.

Subcourse: FA8056

Title: Wire Communications.

Description: Wire communication equipment and wire communication in the field artillery battery. (Prerequisite: SS0003.) MOS: 13B/E/F/N/R, 15E, 17B, 82C, 93F. Crd hrs: 2.

Subcourse: FA8075

Title: Communication System of a DS/GS Battalion (DIGITAL).

Description: General and direct support battalion communications requirement for fire support coordination, tactical and administrative orders, and intelligence traffic. Configuration of a tactical fire and non-tactical fire battalion and digital communications between units. Crd hrs: 5.

Subcourse: FA8151

Title: Field Artillery Organizations and Missions.

Description: FA weapon systems, mission of the field artillery, classification of weapons, organizations of FA units; organization for combat and tactical missions. MOS: All combat support MOSs. Crd hrs: 6.

Subcourse: FA8160

Title: Field Artillery Fire Planning for Offensive and Defensive Operations.

Description: Four classes of defensive fires, defensive actions, forms and echelon of defense, and tactical considerations in planning fires to support defensive operations; tactical considerations in planning fires to support offensive operations. MOS: 13E/F. Crd hrs: 6.

Subcourse: FA8175

Title: Fire Support for Military Operations in Urban Terrain.

Description: Fire support considerations in urban terrain such as population, buildings, and communications networks, the two distinct forms of military operations in urban terrain, fire support tasks, planning, and coordination in urban combat. Crd hrs: 3.

Subcourse: FA9000

Title: Fire Direction Kit.

Description: No lessons. This kit contains all training aids needed for completion of fire direction subcourses. MOS: 13E. Crd hrs: 0.

Subcourse: FA9001

Title: Firing Charts.

Description: Preparing a surveyed firing chart. You must have the fire direction kit (FA9000) to complete this subcourse. MOS: 13E. Crd hrs: 14.

Subcourse: FA9002

Title: Site.

Description: Determining vertical interval, compute and announce site, angle of site, and vertical angle. You must have the fire direction kit (FA9000) to complete this subcourse. MOS:3E. Crd hrs: 4.

Subcourse: FA9003

Title: Fire Mission Procedures.

Description: Performing tasks related to fire mission procedures, determining firing data, fire commands, and message to observer. You must have the fire direction kit (FA9000) to complete this subcourse. (Prerequisites: FA9001 and FA9002.) MOS: 13E. Crd hrs: 12.

Subcourse: FA9004

Table 3–11
Field Artillery subcourses (FA)—Continued

Title: Registrations.

Description: Processing a precision registration, determining and applying a GFT setting and total corrections, and transferring a GFT setting to non registering firing elements. You must have the fire direction kit (FA9000) to complete this subcourse. (Prerequisites: FA9001, FA9002, FA9003.) MOS: 13E. Crd hrs: 12.

Subcourse: FA9005

Title: Meteorological Data.

Description: Recording and verifying a metrological message. You must have the fire direction kit (FA9000) to complete this subcourse. MOS: 13E. Crd hrs: 7.

Subcourse: FA9006

Title: Determine High Angle Firing Data.

Description: Computing data for high angle fire missions and nonstandard weigh projectiles low angel. You must have the fire direction kit (FA9000) to complete this subcourse. (Prerequisites: FA9001, FA9002, and FA9003.) MOS: 13E. Crd hrs: 7.

Subcourse: FA9007

Title: Process an Illumination Fire Mission.

Description: Determining and announcing fire commands for illumination missions. You must have the fire direction kit (FA9000) to complete this subcourse. (Prerequisite: FA9003.) MOS: 13E. Crd hrs: 5.

Subcourse: FA9008

Title: Smoke Missions.

Description: Processing a quick smoke or immediate suppression/smoke mission. You must have the fire direction kit (FA9000) to complete this subcourse. (Prerequisites: FA9001, FA9002, FA9003, FA9004, FA9005, FA9006 and FA9007.) MOS: 13E. Crd hrs: 8.

Subcourse: FA9010

Title: Duties of Safety Officer/NCO.

Description: Range safety card, safety diagram, and safety 'T.' You must have the fire direction kit (FA9000) to complete this subcourse. (Prerequisites: FA9002, FA9003, FA9006, and FA9007.) MOS: 13E. Crd hrs: 3.

Subcourse: FA9011

Title: Ballistics.

Description: Interior and exterior ballistics in their effects on a projectile. Crd hrs: 5.

Subcourse: FA9012

Title: Duties of the Battery Fire Direction Officer and Chief Computer.

Description: Supervisory duties in the battery/platoon Fire Direction Center. You must have the fire direction kit (FA9000) to complete this subcourse. MOS: 13E. Crd hrs: 7.

Table 3–12
Finance subcourses (FI)

Subcourse: FI0172

Title: Analyzing Pay Inquiries.

Description: Basic procedures for analyzing adverse pay inquiry trends for command action and special pay inquiries. Crd hrs: 5.

Subcourse: FI0173

Title: Reviewing Application for Remission or Cancellation of Indebtedness.

Description: Basic procedures for identifying the various categories of indebtedness considered for remission or cancellation of indebtedness for enlisted soldiers, and for preparing, processing, and properly routing DA Form 3508–R (Application for Remission or Cancellation of Indebtedness). Crd hrs: 5.

Subcourse: FI0174

Title: Reviewing and Certifying Military Pay Vouchers.

Description: Procedures for reviewing and certifying military pay vouchers for local payments, for advances of pay, and for transition payments. Also includes procedures for identifying missing supporting documents, incorrect entries, and/or computational errors. Crd hrs: 5.

Subcourse: FI0175

Title: Determining Entitlements, Part I.

Description: Basic procedures for certifying allowance applications and determining entitlements to allowances. Crd hrs: 5.

Subcourse: FI0176

Title: Determining Entitlements, Part II.

Description: Basic procedures for determining and computing rates for special and incentive pays: their purpose, eligibility requirements, pay rates and computations, and authorization documentation. (Prerequisite: FI0175.) Crd hrs: 5.

Subcourse: FI0177

Title: Army Stock Fund Accounting, Part I.

Description: Provides instruction on the purpose of the Army stock fund and its revolving fund concept, and on the concepts of unit cost resourcing and how they affect the stock fund. It also describes the procedures used to develop the stock fund equation and post financial transactions to it. Crd hrs: 5.

Subcourse: FI0178

Title: Army Stock Fund Accounting, Part II.

Description: Presents the Standard Army Intermediate-Level Supply System (SAILS), the Standard Army Financial Inventory Accounting and Reporting System (STARFIARS), the Standard Financial System (STANFINS), and the Military Standard Requisitioning and Issue Procedures (MILSTRIP). Identifies the major files found in SAILS and STARFIARS. Identifies the documents and the concept behind MILSTRIP, including those procedures that deal with interfund transactions. (Prerequisite: FI0177.) Crd hrs: 5.

Subcourse: FI0179

Title: Army Stock Fund Accounting, Part III.

Description: Basic procedures for analyzing Army Stock Fund (ASF) federal procurement documents and recording general ledger and subsidiary ledger effects, if applicable. How to determine the nature of the transaction and the stage of the procurement transaction as represented by the document; recording general ledger and subsidiary ledger effects that would result in accordance with the stock fund pro-forma. (Prerequisites: FI0177 and FI0178.) Crd hrs: 5.

Subcourse: FI0180

Title: Army Stock Fund Accounting, Part IV.

Description: Basic procedures for analyzing Army stock fund (ASF) local procurement documents and recording general ledger and subsidiary ledger effects, if applicable. How to determine the nature of the transaction and the stage of the procurement transaction as represented by the document; recording general ledger and subsidiary ledger effects that would result in accordance with the stock fund pro-forma. (Prerequisites: FI0177, FI0178, and FI0179.) Crd hrs: 5.

Subcourse: FI0181

Title: Army Stock Fund Accounting, Part V.

Description: Basic procedures for analyzing Army stock fund (ASF) reimbursement documents and miscellaneous inventory transactions, and recording the general ledger and subsidiary ledger effects, if applicable. How to determine the nature of the transaction, what stage of the reimbursement transaction is represented by the document, and record the general ledger and subsidiary ledger effects that would result in accordance with the stock fund pro-forma. (Prerequisites: FI0177, FI0178, FI0179, and FI0180.) Crd hrs: 5.

Subcourse: FI0182

Title: Army Stock Fund Accounting, Part VI.

Description: Basic procedures for analyzing Army stock fund (ASF) Open transaction History listings, and determining the correct financial adjustment required. Contains instruction on how to determine the correct financial adjustment required to correct the listing. You will also be required to reconcile and verify month-end STARFIARS reports. (Prerequisites: FI0177, FI0178, FI0179, FI0180, and FI0181.) Crd hrs: 5.

Subcourse: FI0184

Title: Document Flow Processing, Part I.

Description: Procedures to receive, verify validity, sort, suspend for company code and general research, code, verify, and upload documents. Crd hrs: 5.

Subcourse: FI0185

Title: Document Flow Processing, Part II.

Description: Procedures to download documents, to match documents to reports, to annotate reports and documents, to forward reports with attached documents, to file documents, to distribute reports, and to mail documents to the Defense Finance and Accounting Service—Indianapolis Center (DFAS-IN). (Prerequisite: FI0184.) Crd hrs: 5.

Subcourse: FI0186

Title: Master Military Pay Account (MMPA).

Description: Purpose, terms, various parts, and information contained in the MMPA. Crd hrs: 5.

Subcourse: FI0700

Title: Disbursing Activity Activation/Inactivation.

Description: Procedures involved when activating and deactivating a finance disbursing activity, when preparing documents for the appointment of deputy disbursing officers, and when reporting a change in the status of the finance and accounting officer. Crd hrs: 5.

Subcourse: FI0704

Title: Conducting Finance Operations under Special Conditions.

Description: Covers planning for contingency payrolls, preparing both check and cash payrolls, pay procedures during high and low

intensity operations, responsibilities of the Finance Battalion in a theater of war. Also covers ways in which currency and coin (whether domestic or foreign) are disposed of under special circumstances. Crd hrs: 3.

Subcourse: FI0705

Title: Safeguarding Public Funds.

Description: How to prepare and administer a finance office physical security plan, safeguard public funds and related documents, and establish contingency payment procedures. Crd hrs: 3.

Subcourse: FI0706

Title: Maintaining Public Funds.

Description: Basic functions of the Disbursing Division in a non-integrated finance office. Includes procedures for determining cash holdings, obtaining funds for disbursement, depositing and safeguarding of funds, and resolving account irregularities in the finance and accounting office. Crd hrs: 8.

Subcourse: FI0708

Title: Introduction to Nonappropriated Funds and Central Accounting Office Operations.

Description: Describes the nonappropriated fund system and the financial management responsibilities of each level of associated command. Crd hrs: 6.

Subcourse: FI0710

Title: Basic NAF Accounting.

Description: The basic double entry accounting systems with emphasis on the general principles of recording, classifying, summarizing, and interpreting individual financial transactions. Crd hrs: 21.

Subcourse: FI0711

Title: Coordinating Finance Support.

Description: Teaches the organizational structure of finance units and how finance support is provided and coordinated as the level of conflict changes. Crd hrs: 3.

Subcourse: FI0712

Title: Reviewing Disbursing Operations.

Description: Procedures used to review the operations of a Disbursing Division to ensure command policies, directives and regulations are being followed. Crd hrs: 7.

Subcourse: FI0714

Title: Maintaining Designated Depository Checking Activities.

Description: Basic procedures for establishing, maintaining, transferring to a successor, and closing a designated depository account. Crd hrs: 6.

Subcourse: FI0715

Title: Conducting Financial Operations in Foreign Currency.

Description: How to conduct financial operations using foreign currency. Crd hrs: 2.

Subcourse: FI0716

Title: Conducting Cashier Operations.

Description: How to appoint cashiers, certify collection vouchers, and direct cashier operations. Crd hrs: 2.

Subcourse: FI0717

Title: Conducting Agent Officer Operations.

Description: How to draft paying agent instructions; advance funds to an agent officer, a forward support team or a branch office; verify returns from an agent officer, a forward support team or a branch office; and examine vouchers paid by a disbursing agent, a branch office or a forward support team for accuracy of computation, correct format, and adequacy of supporting documents. Crd hrs: 8.

Subcourse: FI0720

Title: Administering Uncollectible Checks Program.

Description: How to establish procedures for exchange of cash for negotiable instruments, process uncollectible checks, and monitor the bad check program. Crd hrs: 3.

Subcourse: FI0721

Title: Delivering and Reconciling Treasury Checks.

Description: How to spot-check delivery of treasury checks to payee, certify schedule of cancelled checks, and use appropriated documents to reconcile and certify SF 1098 (Schedule of Canceled Checks). Crd hrs: 3.

Subcourse: FI0722

Title: Reviewing Check Issue Records for Treasury Checks.

Description: Procedures for reviewing postings to check registers, reviewing reports of checks issued, and reviewing check-issue adjustments. Crd hrs: 3.

Subcourse: FI0723

Title: Replacing Damaged Treasury Checks.

Description: Procedures for issuing U.S. Treasury checks, processing claims for Treasury checks which have been lost, stolen, not received, or mutilated; and maintaining certain Check and Bond Branch records. Crd hrs: 7.

Subcourse: FI0725

Title: Controlling Checks and Bonds.

Description: Various fundamentals of controlling checks and bonds. Instruction is divided into four areas: reviewing orders for replenishment of stock of blank checks and bonds, controlling checks and bonds, reviewing and validating U.S. Savings Bonds issued, and reviewing U.S. Savings Bonds reports. Crd hrs: 6.

Subcourse: FI0732

Title: Audit Completed Travel Vouchers.

Description: How to audit travel vouchers for permanent change of station and temporary duty. Crd hrs: 6.

Subcourse: FI0739

Title: American Military History/Finance Corps History.

Description: Characteristics of the Army as a profession; growth of the Army in general and the officer corps in particular from founding of the nation through the World Wars, Korea, and Vietnam, to the present; and significant trends, people, and events. Crd hrs: 10.

Subcourse: FI0747

Title: Expenditure Accounting, Part I.

Description: How to determine the proper method of recording the expenditure accounting transaction and the stage of a given transaction and how to code the 80-card column entries for input into the STANFINS. (Prerequisites: FI0752, FI0758, and FI0759.) Crd hrs: 8.

Subcourse: FI0748

Title: Expenditure Accounting, Part II.

Description: How to identify and explain the purposes of the various STANFINS basic records, master files, and control measures. (Prerequisites: FI0747, FI0752, FI0758, and FI0759.) Crd hrs: 8.

Subcourse: FI0752

Title: Army Fiscal Code.

Description: Presents the expenditure accounting classifications and the collection accounting classifications that are used in the Army Management Structure. Also presents the statuses of appropriations. Crd hrs: 5.

Subcourse: FI0754

Title: Reimbursement Accounting: Part I.

Description: Concepts and basic procedures of the Installation Reimbursement Program, stages of reimbursement accounting, purpose and use of reimbursement files, listings, and reports. (Prerequisite: FI0752.) Crd hrs: 5.

Subcourse: FI0755

Title: Reimbursement Accounting: Part II.

Description: Presents the automatic reimbursement activities of an installation, explains the basic procedures of the activities, and describes how basic automatic reimbursement concepts apply to each activity. (Prerequisites: FI0752 and FI0754.) Crd hrs: 8.

Subcourse: FI0756

Title: Reimbursement Accounting: Part III.

Description: Presents the funded reimbursement transactions of a laundry and dry cleaning facility in an installation; defines absent activities and explains the accounting situations and different methods of financing absent activities; and explains the accounting transactions involving funded reimbursement activities and their effect on some general ledger accounts. (Prerequisites: FI0752, FI0754, and FI0755.) Crd hrs: 6.

Subcourse: FI0757

Title: Reimbursement Accounting: Part IV.

Description: Describes the Army Family Housing (AFH) appropriation which finances the family housing activity in an installation; describes the accounting procedures for each type of AFH expense; explains the process created accounting transactions that occur in the Operation and Maintenance, Army (OMA) (2020) and Operation and Maintenance, AFH (7025) relationship; describes the Type/Action codes and input formats for recording AFH/OMA transactions and the general ledger effects of such transactions. (Prerequisites: FI0752, FI0754, FI0755, and FI0756.) Crd hrs: 6.

Subcourse: FI0758

Title: General Fund Accounting: Part I.

Description: Teaches the fundamentals of general fund accounting; deals with topics in governmental accounting. (Prerequisite: FI0752.) Crd hrs: 7.

Subcourse: FI0759

Title: General Fund Accounting: Part II.

Description: Presents obligation principles and rules in expenditure accounting at the Army installation level. (Prerequisites: FI0752 and FI0758.) Crd hrs: 5.

Subcourse: FI0790

Title: Accounting for Resource Managers: Part I.

Description: The principles, concepts, and basic procedures of reimbursement accounting as they apply to resource management, types, stages, and entries of reimbursement transactions on accounting and resource management records; funded and unfunded expenses and direct and indirect costs as they apply to resource management; and how to apply funding absent activity concepts to specific documents. (Prerequisites: FI0758 and FI0759.) Crd hrs: 8.

Subcourse: FI0791

Title: Accounting for Resource Managers: Part II.

Description: Basic procedures of decentralized fund control. How to maintain fund control records, extract necessary information from the STANFINS automated listings, apply that information to the fund control records, and make the required adjustments. (Prerequisite: FI0790.) Crd hrs: 6.

Subcourse: FI0806

Title: Military Pay: Establishing a Pay Account and Items of Pay.

Description: Procedures used to sign onto and input data into the Joint Uniform Military Pay System-Active Component/Joint Service Software (JUMPS-AC/JSS). Explains the documents needed to substantiate payments made under the automated system and how to make the appropriate entries to the JUMPS Data Collection, Version III (JDC III) coding system. (Prerequisites: FI0175 and FI0176.) Crd hrs: 5.

Subcourse: FI0807

Title: Military Pay Inputs to JSS-Other Pays, Allowances, and Allotments.

Description: Pay and allowance entitlements; transactions required to input the appropriate data into JUMPS-AC/JSS; entitlement to other special and incentive pays and the transactions required to input into JUMPS-AC/JSS via JDC III; process and determine the validity of allotment authorizations. (Prerequisites: FI0175, FI0176, and FI0806.) Crd hrs: 6.

Subcourse: FI0808

Title: Military Pay: Collections, Adjustments, and Absences.

Description: Coding procedures to input certain transactions through the JUMPS-AC/JSS; input-transaction procedures necessary to adjust the soldier's master military pay account to reflect courts-martial fines and forfeitures, duty status changes, and miscellaneous collections, deductions, and corrections. (Prerequisites: FI0175, FI0176, FI0806, and FI0807.) Crd hrs: 5.

Subcourse: FI0809

Title: Military Pay: Miscellaneous Actions and Procedures, Part I.

Description: Presents the procedures to use to compute and to verify the amount of the transition payment, to verify the bonus payment, and to input accrued leave entitlements. (Prerequisites: FI0806, FI0807, and FI0808.) Crd hrs: 5.

Subcourse: FI0811

Title: Military Pay: Miscellaneous Actions and Procedures, Part II.

Description: Presents the procedures to use to compute a casual payment and to prepare a military pay voucher for a casual payment. Also presents the procedures to use to compute an advance of pay and to prepare an MPV for an advance of pay. (Prerequisite: FI0809.) Crd hrs: 5.

Subcourse: FI0824

Title: Accounts Payable.

Description: Duties of an accounting technician or voucher examiner in the accounts payable branch of a finance and accounting office. Instruction on following the laws, rules, and regulations governing the procurement of and payment for supplies and nonpersonal services. Crd hrs: 10.

Subcourse: FI0842

Title: Disbursing Operations: Part I.

Description: Duties performed within the Disbursing Division, responsibilities and functions of the cashier, and requirements for maintaining the DD Form 2657 (Daily Statement of Accountability). Crd hrs: 12.

Subcourse: FI0843

Title: Disbursing Operations: Part II.

Description: Information on the duties, responsibilities, and cash management procedures of Paying Agents and Disbursing Agents; procedures relating to usage, control, and preparation of U.S. Treasury checks in check branch operations; and the types of losses in a finance officer's account, reporting and processing requirements, and how to preclude such losses. (Prerequisite: FI0842.) Crd hrs: 12.

Subcourse: FI0844

Title: Disbursing Operations: Part III.

Description: Information on the accounts branch operations: cash book transaction; concept of Total Accountability and the cash control officer's processing of documents. Also, month-end procedures and reports: closing disbursing records, statement of accountability, and

transmittal of money account papers. In addition, procedures for designated depository accounts are included. (Prerequisites: FI0842 and FI0843.) Crd hrs: 12.

Subcourse: FI0921

Title: Basic Statistics.

Description: Covers percentages, index numbers, measures of central tendency and of dispersion, and the properties of the normal curve. Crd hrs: 13.

Subcourse: FI0934

Title: Review and Analysis.

Description: Department of the Army review and analysis process, the comptroller's and major activity director's staff responsibility for program review and analysis. Includes basic procedures for progress and statistical reporting and analysis and determining and applying the various kinds of analytical processes. Crd hrs: 8.

Subcourse: FI0950

Title: Management Survey.

Description: The general concept of a management survey, plus certain management information systems and automatic data processing considerations. Includes a method for successful design and implementation. Crd hrs: 4.

Subcourse: FI2000

Title: Preparing NAF Financial Statements.

Description: The income statement and the balance sheet. Identifies the format and the items used in an income statement and balance sheet, what accounts you can list under different parts of both, and how to prepare both documents. (Prerequisite: FI2024.) Crd hrs: 8.

Subcourse: FI2002

Title: Analyzing NAF Financial Statements.

Description: The financial analysis of Nonappropriated Fund Instrumentality operations using income statements, balance sheets, and governing regulations. Calculations involved include comparative percentages and ratios related to inventory turnover, net income, sales, cost of goods sold, and expenses. (Prerequisites: FI2024 and FI2000.) Crd hrs: 8.

Subcourse: FI2003

Title: Preparing Written and Oral Financial Statement Analyses.

Description: How to prepare a written narrative and an oral briefing discussing the financial trends implied by the statements. Crd hrs: 7.

Subcourse: FI2004

Title: Budgeting for Morale Welfare and Recreation Operations.

Description: Policies for preparing, submitting, and using various types of budgets that can be generated from the Installation Morale Welfare and Recreation Fund (IMWRF). Describes the various budgets prepared by the IMWRF and documents required for their support. (Prerequisites: FI2024, FI2000, and FI2002.) Crd hrs: 8.

Subcourse: FI2024

Title: Controlling Central Accounting Division Operations.

Description: The interrelationships of the basics of Nonappropriated Fund (NAF) programs with financial management. Topics discussed include categories of NAF activities, integrated management concept, principal budgets, Central Accounting Division structure and functions, and duties of the Central Accounting Officer. Crd hrs: 8.

Subcourse: FI2026

Title: Comptrollership in the Army.

Description: The evolution of comptrollership and its organization within the DOD, DA, and Standard Installation Organization. Also includes the comptroller responsibilities within the Army management system and discusses various functions of the comptroller. Crd hrs: 8.

Subcourse: FI2028

Title: Planning, Programming, Budgeting, and Execution System.

Description: The Army's formal management system. Examines phases of the Army's Planning, Programming, Budgeting, and Execution System (PPBES) from the standpoint of purpose, personnel involved, stages within phases, and the different documents which flow from each phase. Also discusses the program budget cycles, that is, the 'mechanics' of PPBES. (Prerequisite: FI2026.) Crd hrs: 8.

Subcourse: FI2030

Title: Manpower Management.

Description: Analytical methods used to address manpower funding problems, manpower management, PPBES, and use of the manpower staffing standard system (MS-3). Crd hrs: 8.

Subcourse: FI2032

Title: Activity/Major Activity Budgeting.

Description: How to prepare an activity budget schedule. Identifies the roles of key individuals involved with budgeting and discusses budget manpower guidance and the command operating budget. (Prerequisites: FI0752, FI2026 and FI2028.) Crd hrs: 8.

Subcourse: FI2034

Title: Internal Control Systems.

Description: Basic requirements of the Federal Managers' Financial Integrity Act of 1982 and the Army's Internal Control Programs. Describes the Internal Control Review Checklist and the 12 standards essential to the maintenance of good management control standards. Crd hrs: 8.

Subcourse: FI2038

Title: Budget Adjustments/Review and Analysis.

Description: Basic procedures involved with budget adjustments and budget analysis. (Prerequisites: FI2026, FI2028, and FI2032.) Crd hrs: 8.

Subcourse: FI3000

Title: Resource Management: Comparative and Descriptive Measures.

Description: Teaches basic mathematical tools needed by resource managers. Crd hrs: 5.

Subcourse: FI3020

Title: Research, Development, and Acquisition Management System.

Description: Process by which the Army and the DOD acquires and manages the materiel and information systems they need to accomplish their respective missions. Crd hrs: 7.

Subcourse: FI3022

Title: Resource Management: The Army Industrial Fund.

Description: Policies and procedures applicable to the Defense Business Operating Fund. Includes identification of the Army Industrial Fund (AIF), its uses, objectives and costing concepts, and the AIF relationship to resource management. Crd hrs: 6.

Subcourse: FI3024

Title: Resource Management: Operations and Maintenance, Army Reserve (OMAR).

Description: The Operations and Maintenance, Army Reserve, Appropriation and its purposes. Crd hrs: 5.

Subcourse: FI3026

Title: The Military Construction, Army Program.

Description: How to identify the two sources of funds for military construction and to explain the Military Construction, Army Program's responsibilities and budget cycle. Crd hrs: 5.

Subcourse: FI3028

Title: Resource Management: Commercial Activities/Organizational Efficiency Reviews.

Description: Concepts, policies, and procedures involved in the management of the Army's organizational efficiency review program and commercial activities program. Crd hrs: 5.

Subcourse: FI3030

Title: Resource Management: Cost and Economic Analyses.

Description: The organizational structure responsible for developing cost and economic analysis and the impact these analyses have on resource management. (Prerequisite: FI3020.) Crd hrs: 5.

Subcourse: FI3032

Title: Resource Management: Installation Management Programs.

Description: The concepts, background, and workings of the Army's installation management program. Includes the standard installation organization and the Army ideas for excellence program, and their relationship to resource management. Crd hrs: 5.

Subcourse: FI3034

Title: Army Productivity Programs.

Description: The concept and function of productivity. Identifies and describes the DA's Productivity Improvement Program (DAPP), its procedures and its relationship to resource management. Crd hrs: 7.

Subcourse: FI3040

Title: The Federal Budget Process.

Description: Teaches the major public laws involving the financial management of the federal government and their impact on the federal budgetary process, Army budget formulation and processes, and congressional budget actions. Crd hrs: 6.

Subcourse: FI3042

Title: Activity Budgeting.

Description: Teaches the budget organization at the installation level, the relationships among the elements of the budget organization, and how to prepare an activity budget. (Prerequisite: FI0752.) Crd hrs: 7.

Subcourse: FI3044

Title: Developing a Unit-Level Command Budget Estimate.

Description: How to identify and describe the procedures used to develop and submit a unit's tactical budget and the methods used to determine the costs of unit training events. Also, how to validate the Program 2 exercise portion of a division's command budget estimate and prepare a commander's impact statement for unfinanced exercise requirements. (Prerequisite: FI0752.) Crd hrs: 6.

Subcourse: FI3046**Title:** Program and Budget Advisory Committee.**Description:** Identifies and describes the purpose and responsibilities of the Program and Budget Advisory Committee (PBAC) at the installation level; the responsibilities of the PBAC members and major activity directors in preparing for and conducting PBAC functions; and the relationship of PBAC to resource management. (Prerequisites: FI0740 and FI2028.) Crd hrs: 5.

Subcourse: FI3048**Title:** Budget Administration.**Description:** How to identify and describe the procedures used to effectively administer an activity's budget using an unfinanced requirements list, year-end procedures, obligation reports, Standard Army Finance reports, commitment ledgers, and other data. (Prerequisite: FI3040.) Crd hrs: 6.

Subcourse: FI3050**Title:** Resource Management: Year-End Procedures and Recoveries.**Description:** Covers resource management functions and procedures associated with year-end closeout, deobligation of funds, and prior year recoveries. (Prerequisite: FI2028.) Crd hrs: 5.

Subcourse: FI3084**Title:** The Unit Supply Funding Process.**Description:** Teaches the fundamentals of the Army supply system and how the supply and financial systems interface. Describes the classes of supply, the flow of requisitions, the funding process, and the role of the resource manager in this process. Crd hrs: 7.

Subcourse: FI3086**Title:** Budgeting for a JCS–Level Exercise.**Description:** How to identify and describe the elements and procedures used to prepare a Joint Chiefs of Staff (JCS) exercise budget estimate. (Prerequisite: FI2028.) Crd hrs: 6.

Table 3–13**Infantry subcourses (IN)**

Subcourse: IN0201**Title:** Infantry Squad Operations.**Description:** Overview of organization, fundamentals, and squad and platoon level operations. Details command, control, and security. Explains offensive, defensive, and other squad operations. Covers fire support, combat service support, armored vehicle support, and obstacles. Also covers nuclear, biological, and chemical, in addition to observation posts, techniques of fire, and limited visibility techniques. Includes battle Drills 1 through 8. Crd hrs: 8.

Subcourse: IN0202**Title:** Mechanized Infantry Squad Operations.**Description:** Overview of organization, fundamentals, and squad and platoon level operations. Details command, control, and security. Explains offensive, defensive, and other squad operations. Covers fire support, combat service support, armored vehicle support, and obstacles. Also covers nuclear, biological, and chemical, in addition to observation posts, techniques of fire, and limited visibility techniques. Includes battle drills 1 through 8 and crew drills 1 through 16. Crd hrs: 8.

Subcourse: IN0478**Title:** Bradley Fighting Vehicle Commander (Offense).**Description:** Identifies the organization of the mechanized infantry platoon equipped with the BFV, the movement formations employed by the BFV platoon during mounted operations, the movement concepts and formations employed by the BFV platoon during dismounted operations, and identifies the movement techniques employed by the BFV platoon during mounted and dismounted operations. Also identifies actions taken by the BFV platoon during initial contact with Threat forces, criteria for determining whether BFV platoon should conduct a deliberate attack or a hasty attack while mounted or dismounted, actions taken to consolidate an objective and reorganize the BFV platoon after seizing an enemy position, and identifies special techniques used to control the BFV platoon during limited visibility operations. MOS: 11M. Crd hrs: 7.

Subcourse: IN0479**Title:** Bradley Fighting Vehicle Commander (Defense).**Description:** Identifies task priorities used in preparing the Bradley platoon for defensive operations, fire planning considerations, fire distribution and control procedures, and defensive tactics and techniques. Also identifies techniques used by the Bradley platoon for planning and conducting defensive operations in limited visibility, air defense operations, disengagement operations, and delay withdrawal operations from a defensive position. Crd hrs: 5.

Subcourse: IN0482**Title:** Drill and Command/Rifle-Bayonet Fighting Techniques.**Description:** Identifies types of commands and the use of the command voice, the procedures for conducting individual drill without weapons, the procedures for conducting squad, platoon, and company drill, and identifies the basic attack and rest positions for rifle-bayonet fighting, the basic and attack movements for rifle-bayonet fighting, and the defensive and modified movements for rifle-bayonet fighting. Crd hrs: 5.

Table 3–13
Infantry subcourses (IN)—Continued

Subcourse: IN0484

Title: Long-Range Surveillance Unit (LRSU) Operations.

Description: Objective, organization, and fundamentals of LRSU operations. Identification of operational environments, characteristics of LRSU missions, execution and phases. Identification of the combat support and combat service which may be available for LRSU operations and the communications and electronic warfare capabilities, characteristics, and techniques used in LRSU operations. Identification of the LRSU team Standing Operating Procedure briefback, and debriefing formats. Crd hrs: 5.

Subcourse: IN0485

Title: Mortars.

Description: Overview of the different organizations and types of mortar squads, sections, and platoons. Details how to operate and maintain the 60mm, 81mm, 4.2 inch and 120mm mortars. Includes operation and maintenance of sighting and fire control equipment and procedures and conduct of fire without a fire direction center. Crd hrs: 8.

Subcourse: IN0486

Title: Mountaineering Techniques (Basic).

Description: Identifying the different types of terrain; characteristics of weather and climate; acclimatization and conditioning; and basic mountaineering techniques. Crd hrs: 6.

Subcourse: IN0487

Title: Infantry Field Hygiene.

Description: Preventive medicine and health maintenance; individual and leadership preventive medicine countermeasures; unit field sanitation team countermeasures. MOS: 11B/C/H/M. Crd hrs: 5.

Subcourse: IN0488

Title: Mortar Fire Direction Center—Part I.

Description: Record, compute data from met data sheet, record met message on DA Form 3675-R (Ballistic Message), compute meteorological firing corrections, prepare a plotting board, identify the procedures to compute data for a fire mission, a grid mission, a re-registration mission, a polar mission, and a final protective fire, compute a sheaf adjustment, traversing and/or searching, illumination mission and a coordinated illumination mission, identify the procedures to compute data for a sheaf adjustment using a plotting board, a traversing and/or search mission using a plotting board, for an illumination mission using a plotting board, and a coordinated illumination mission using a plotting board. MOS: 11C. Crd hrs: 8.

Subcourse: IN0489

Title: Mortar Fire Direction Center—Part II.

Description: How to compute data to mark center-of-sector; conduct a mean point-of-impact registration and radar registration as a member of the Fire Direction Center; shift fires from a known position; compute data for a split section; and plan for the immediate suppression or smoke missions on designated targets. MOS: 11C. Crd hrs: 6.

Subcourse: IN0491

Title: Tactical Employment of Mortars.

Description: Overview of the role of mortars on the AirLand battlefield. Details command and control of mortar section/platoon and how mortars support both offensive and defensive operations. Includes mortar section/platoon tactics, techniques, and procedures, and mortar survivability techniques. Special considerations for the 60mm mortar section are covered in addition to combat service support operations as they apply to the mortar section/platoon. MOS: 11C. Crd hrs: 8.

Subcourse: IN0493

Title: Fire Planning and Observer Procedures.

Description: Information on preparing target lists, fire plans, overlays, a platoon sector sketch, and assisting the unit commander in preparing the indirect fire support plan. Also, information on performing forward observer procedures including determining a target location using grid coordinates, locating a target by shifting from a known point, polar plot, and calling for or adjusting indirect fire. MOS: 11B/C/H/M. Crd hrs: 5.

Subcourse: IN0494

Title: Mountaineering Techniques (Advanced).

Description: Techniques on glaciers and snow-covered mountains; classification of snow; avalanches; safety rules; avalanche rescue; techniques on alpine paths; handlines; steps and ladders. Crd hrs: 5.

Subcourse: IN0497

Title: Infantry Platoon Defense.

Description: Infantry platoon tactical defense, identifying defense plans, operation orders and fighting positions for squad members, identifying how to coordinate with adjacent platoons and execution of a platoon defense. MOS: 11B/H/M. Crd hrs: 5.

Subcourse: IN0498

Title: Infantry Platoon Defense (Mechanized).

Table 3–13
Infantry subcourses (IN)—Continued

Description: Mechanized (M113) infantry defense tactical planning and preparation; conducting mechanized (M113) infantry platoon defense. MOS: 11B/H/M. Crd hrs: 5.

Subcourse: IN0499

Title: Infantry Platoon Defense (Bradley Fighting Vehicle).

Description: Issue an oral operation order, conduct a defense by a platoon or an M2 BFV platoon, consolidate and reorganize a platoon following enemy contact while in the defense, conduct a disengagement by a platoon while under enemy pressure, plan a withdrawal not under enemy pressure, employ an M2 BFV platoon in the aerial role, conduct a point antiarmor ambush by a BFV squad, and supervise employment of smoke. MOS: 11M. Crd hrs: 5.

Subcourse: IN0500

Title: Fundamentals of the Offense.

Description: Platoon tactical movements; fundamentals and purpose of the offense; conduct movement techniques by a platoon; conduct a movement to contact; conduct the maneuver of a platoon; conduct the maneuver of a mechanized (M113) platoon, and conduct an attack by a platoon; tactical control measures, consolidation and reorganization, offensive tactical control measures, and consolidation and reorganization. MOS: 11B/M. Crd hrs: 5.

Subcourse: IN0501

Title: Infantry Platoon Offensive Operations.

Description: Prepare and issue operation order plan for an offensive mission; identify elements of a battalion or company 5–paragraph operation plan (order); identify sequence of elements in a 5–paragraph platoon operation order and place in format; prepare and issue a 5–paragraph platoon oral offensive operation order, and identify the mission of a rifle platoon as the company reserve in an attack; plan a dismounted daylight attack for an infantry platoon; doctrinal considerations for a daylight attack; control measures; plan an offensive scheme of maneuver; plan fire support for an offensive operation; plan considerations for the conduct of a limited visibility attack. MOS: 11B/M. Crd hrs: 5.

Subcourse: IN0503

Title: Organization, Elements, and Capabilities of an Infantry Battalion.

Description: Organization, elements, and capabilities of an infantry battalion. AirLand Battle, light infantry battalion, infantry airborne and air assault battalions, and tank and mechanized infantry task force. MOS: 11B. Crd hrs: 5.

Subcourse: IN0504

Title: The Estimate.

Description: How to perform an estimate of the situation. Identifying the troop leading procedure; identifying the elements of an estimate of the situation and a mission analysis; identifying the mission and intent of commanders; identifying the situation and developing courses of action; comparing courses of action and identifying a decision; and using the estimate in a changing situation. Crd hrs: 5.

Subcourse: IN0511

Title: Maintenance of Wheeled Vehicle M998 (HMMWV).

Description: Identifies the procedures for performing operator maintenance (before, during, after) on the M998 HMMWV. Also, how to operate and maintain the NBC system. Crd hrs: 6.

Subcourse: IN0515

Title: Operations.

Description: Procedures for the control of an operation, combat records and reports, analysis of the area of operation, and establishing and displacing a tactical operations center. Crd hrs: 5.

Subcourse: IN0524

Title: Mortar Ballistics Computer—Part I.

Description: How to identify the characteristics, components, functions, capabilities of the M23 Mortar Ballistic Computer (MBC) and how to perform maintenance on the MBC. Gives the types of memory storage, error messages, and types of data entry. How to place an MBC into operation, conduct a system self-test, initialize an MBC, and enter fire missions manually, survey and safety data/missions, and make subsequent adjustments. MOS: 11C. Crd hrs: 5.

Subcourse: IN0525

Title: Mortar Ballistics Computer—Part II.

Description: Procedures for computing the following fire missions using the Mortar Ballistics Computer (MBC): grid mission, shift mission, polar mission, mark center-of-sector mission, grid registration mission, and mean point-of-impact mission. Also describes how to make sheaf adjustments, how to compute a meteorological message, and how to operate an MBC using a Digital Message Device. (Prerequisite: IN0524.) MOS: 11C. Crd hrs: 5.

Subcourse: IN0526

Title: Mortar Ballistics Computer—Part III.

Description: How to prepare a Mortar Ballistics Computer (MBC) for computing fire mission data by conducting an MBC self-test, initializing the MBC, and programming safety data in the MBC. Also, how to compute data for traversing, searching, zone, coordinated illumination,

Table 3–13
Infantry subcourses (IN)—Continued

simultaneous, split section, final protective fire, quick smoke, immediate smoke, resection, intersection, and traverse missions. (Prerequisites: IN0524 and IN0525.) MOS: 11C. Crd hrs: 5.

Subcourse: IN0528

Title: Defensive and Retrograde Operations.

Description: Basic and advanced information concerning defensive and retrograde operations for NCOs. Crd hrs: 5.

Subcourse: IN0531

Title: Combat in Built-up Areas.

Description: Principles of guiding combat in built-up areas and military operations on urbanized terrain. Offensive and defensive operations of potential adversaries to include our own concepts of battalion task force, company, and platoon attacks on defended built-up areas. Characteristics of built-up areas, and defensive operation at the battalion, company, and platoon levels. Crd hrs: 8.

Subcourse: IN0534

Title: Vehicle Recognition (Threat Armor).

Description: Recognize and identify THREAT heavy and light armored vehicles and their capabilities. Crd hrs: 5.

Subcourse: IN0535

Title: Vehicle Recognition (Friendly Armor).

Description: Identifies, provides characteristics, distinguishing recognition features, and the employment of friendly armored vehicles and their capabilities. Crd hrs: 5.

Subcourse: IN0539

Title: Bradley Fighting Vehicle (Weapons Systems—Control and Function), Part I.

Description: How to operate the turret and 25mm main weapon system on the BFV. Also how to perform function checks, load, unload, zero, boresight, perform misfire procedures and engage targets with the weapons, systems, control and how they function on the BFV. MOS: 11M. Crd hrs: 5.

Subcourse: IN0540

Title: Bradley Fighting Vehicle (Weapons Systems—Control and Function), Part II.

Description: How to identify procedures used to operate the coaxial machine gun, TOW missile launcher, and smoke grenade launcher on the Bradley Fighting Vehicle. (Prerequisite: IN0539.) MOS: 11M. Crd hrs: 5.

Subcourse: IN0541

Title: Basic Tactics (TOW)—Part I.

Description: Prepare and issue an oral operation order; issue a warning order; issue a fragmentary order; select a terrain route and direct a driver over the route; react to direct and indirect fire mounted; use visual signaling techniques while mounted; select primary, alternate, and supplementary TOW weapon positions; and conduct the occupation of an M220 launcher firing positions. MOS: 11H. Crd hrs: 5.

Subcourse: IN0542

Title: Basic Tactics (TOW)—Part II.

Description: Supervise the preparation of a mounted M220 launcher firing position; supervise the construction and camouflage of a dismounted fighting position; plan and control TOW section fires; inspect an antiarmor range card; determine the method of movement (TOW); recommend the employment of TOWs; consolidate and reorganize a TOW section following enemy contact; and recover a tracked vehicle using field expedients. Crd hrs: 5.

Subcourse: IN0543

Title: Antiarmor Organization and Tactics.

Description: Identify the organization and elements of an antiarmor battalion; identify and engage targets; plan and prepare for offensive and defensive operation; identify special missions and missions on the battlefield; top operate in an NBC environment; and identify the types and characteristics of TOW missiles. Crd hrs: 5.

Subcourse: IN0544

Title: Bradley Fighting Vehicle Battlefield Damage Assessment and Repair, Part I.

Description: Identify and effectively perform battlefield damage assessment and repair of the BFV to rapidly return disabled combat vehicles to the operational commander by expeditiously fixing, bypassing, or jury-rigging BFV components to restore the maximum essential system required to support a specific combat mission or to enable the vehicle to self-recovery. MOS: 11M. Crd hrs: 5.

Subcourse: IN0545

Title: Bradley Fighting Vehicle Battlefield Damage Assessment and Repair, Part II.

Description: Identify and effectively perform battlefield damage assessment and repair of the BFV to rapidly return disabled combat vehicles to the operational commander by expeditiously fixing, bypassing, or jury-rigging BFV components to restore the maximum essential system required to support a specific combat mission or to enable the vehicle to self-recovery. (Prerequisite: IN0544.) MOS: 11M. Crd hrs: 5.

Subcourse: IN0546

Table 3–13
Infantry subcourses (IN)—Continued

Title: Antiarmor Weapons.

Description: Present and future characteristics of opposing forces and U.S. antiarmor weapons. MOS: 11H. Crd hrs: 5.

Subcourse: IN0547

Title: M220 Launcher System.

Description: Characteristics and components of the M220-series launcher system; perform maintenance on the launcher system; emplace the tripod mounted system; mount the M220 series launcher system on an M966 vehicle and on an M901A1; perform a system checkout on the launcher system; load, perform immediate action, and unload an M220 launcher system. MOS: 11H. Crd hrs: 5.

Subcourse: IN0551

Title: Patrolling.

Description: How to organize and prepare for a patrol, common patrolling tasks, operation of a patrol base, and how to conduct a mounted patrol. Also discusses reconnaissance, combat patrols and combat orders. MOS: 11B. Crd hrs: 5.

Subcourse: IN0552

Title: Bradley Fighting Vehicle (Maintenance), Part II.

Description: How to effectively maintain various turret systems and mechanical systems of the Bradley Fighting Vehicle including preventive maintenance checks and services. Crd hrs: 6.

Subcourse: IN0710

Title: Staff Functions.

Description: Identify the duties of a staff officer to include staff doctrine, procedures, staff organization, and responsibilities. Organize and identify the internal organization, functions, survivability measures, efficiency techniques, locate a site, and arrange duty shifts for the tactical operations center. Prepare, identify, format, and analyze the mission, and determine considerations affecting the possible courses of action. Develop, analyze, and compare courses of action leading to recommendation. Crd hrs: 6.

Subcourse: IN0721

Title: Infantry Company in Offensive Operations.

Description: Conduct initial planning. Identify doctrinal considerations. Plan the use of available time. Complete a warning order. Select reconnaissance personnel. Plan for a passage of lines. Identify doctrinal considerations. Develop a passage of lines plan. Plan for the consolidation of an objective. Identify doctrinal considerations. Select a plan for the consolidation of an objective. Complete an infantry company attack plan. Identify doctrinal considerations. Complete paragraphs 3 and 4 of a company operation order (OPORD). Crd hrs: 7.

Subcourse: IN0726

Title: Military Operations on Urban Terrain (Offense).

Description: Identify threat force defensive doctrine. Determine how the enemy defends. Plan an attack on urbanized terrain at battalion task force level. Determine tactical impact of urban areas. Identify the characteristics of urban areas. Identify the characteristics of urban offensive operations. Identify planning considerations for the attack area. Determine the use of artillery and other types of combat support in MOUT offensive engagement. Determine tactical considerations for an attack on urbanized terrain at battalion task force level and completing paragraph 3 of a Battalion OPORD. Plan an attack on urbanized terrain at company team level. Identify combat missions for an attack on urbanized terrain at company level and complete paragraph 3 of a company/team OPORD. Crd hrs: 6.

Subcourse: IN0736

Title: Military Operations on Urban Terrain (Defense).

Description: Conduct intelligence preparation of the battlefield on urban terrain; explain threat doctrine for conducting an attack on urban terrain; explain the employment capabilities and limitations of combat, combat support, and combat service support assets available to a battalion task force engaged in MOUT defense; explain U.S. doctrine on planning a MOUT defense. Crd hrs: 6.

Subcourse: IN0752

Title: Infantry Supply Procedures.

Description: Supervise supply procedures including the distribution and receipt of supplies, small unit logistics, and company/battalion trains. Crd hrs: 8.

Subcourse: IN0753

Title: Infantry Rifle Company/Company Team in the Defense—Part I.

Description: Information on conducting ground reconnaissance for a defensive operation, preparing company battle position, developing company fire plans, obstacle plans, conducting a delay or withdrawal, and consolidating and reorganizing following enemy contact. Crd hrs: 5.

Subcourse: IN0754

Title: Infantry Rifle Company/Company Team in the Defense—Part II.

Description: Procedures used to prepare a company or company team defense plan, plan a defense of urbanized terrain, and prepare an operations estimate. Information on the capabilities of combat engineer elements, the procedures to plan and coordinate for passage of lines, develop a company patrolling plan, and conduct the defense of an infantry company. Crd hrs: 5.

Table 3–13
Infantry subcourses (IN)—Continued

Subcourse: IN0757

Title: Infantry Maintenance Procedures.

Description: Identify and understand the organization for maintenance; unit level organization in task force support; Army supply and its integration into the overall maintenance picture; recovery operations for damaged or malfunctioning equipment; safety programs and hazards; and sustainment operations in all phases of the battle. Crd hrs: 5.

Subcourse: IN0758

Title: Fundamentals of Airborne Operations.

Description: Airborne infantry principles, mission, and operations organization; the organization of joint forces and planning and procedures for airborne operations; and airlift requests and personnel. Crd hrs: 5.

Subcourse: IN0759

Title: Military Operations on Urban Terrain (Bradley Fighting Vehicle).

Description: Identify and understand how to conduct troop leading procedures for an operation, prepare and issue an oral platoon offensive operation order, issue a warning order, control mounted and dismounted M2 Bradley platoon formations, control movement through urbanized terrain, organize a platoon for the attack on a building, prepare and issue an oral squad operation order, organize a squad for the attack of a building, secure a building with an M2 Bradley squad, consolidate and reorganize an M2 Bradley squad, prepare and issue an oral platoon defensive operation order, conduct defensive military operations on urban terrain with an M2 Bradley platoon, direct M2 Bradley platoon fires in the defense, prepare buildings for a platoon defensive position, and insure operational security of an M2 Bradley platoon. MOS: 11M. Crd hrs: 5.

Subcourse: IN0760

Title: Offensive and Defensive Operations.

Description: Discusses the principles of war and their application and the definition and elements of combat power. Explains the function of command, control, and communications in AirLand battle, to include the electromagnetic environment effects on communications. Crd hrs: 6.

Subcourse: IN0764

Title: Operations.

Description: Explains the command and control philosophy of the U.S. Army, the Army command and control system, troop-leading procedures, METT–T, commander's estimate of the situation, content of the operation order, warning order, and fragmentary order. Includes the intelligence preparation of the battlefield process. Crd hrs: 4.

Subcourse: IN0766

Title: Company Fire Support Operation.

Description: Capabilities and limitations of the weapons systems, equipment, personnel, and elements available to assist company level officers with fire support operations. Crd hrs: 5.

Subcourse: IN0768

Title: Light Infantry Company/Battalion Plans.

Description: Describes resources organic to, attached to, and which support light infantry battalions. Lists capabilities, limitations, vulnerabilities, and command and control systems of battalion level operations. Explains the composition and responsibilities of the battalion staff. Crd hrs: 2.

Subcourse: IN0769

Title: Mechanized Infantry Organizations and Planning.

Description: Provides mechanized infantry task force/team organization. Lists organic/attached/operation control (OPCON) resources supporting task forces/teams in terms of the seven operational systems. Crd hrs: 4.

Subcourse: IN0772

Title: Planning a Battalion Deployment/Field Training Exercise.

Description: How to develop a tentative movement plan for battalion deployment and how to determine resources required for developing a field training exercise and platoon live fire situational training exercise. Crd hrs: 2.

Subcourse: IN0800

Title: Fundamentals of Air Assault Operations.

Description: Identifies the characteristics of air assault operations and how they relate to the fundamentals of AirLand Battle doctrine, and identifies the planning considerations in preparing for an air assault operation. Also identifies the characteristics and planning considerations for a ground tactical plan, for a landing plan, for an air movement plan, for a loading plan, and for a staging plan. Crd hrs: 6.

Subcourse: IN0801

Title: Planning for Indirect Fire Support and Air Defense—Part I.

Description: Identifies the field artillery fire support systems organic to the five types of U.S. Army divisions, the four standard tactical missions for field artillery units and the inherent responsibilities and relationships of field artillery units assigned each of these missions, the characteristics and circumstances for nonstandard, allied, and on-order missions and the inherent responsibilities and relationships of field artillery units assigned each of these missions, the characteristics, capabilities and limitations, and employment considerations for 60mm,

Table 3-13
Infantry subcourses (IN)—Continued

81mm, and 107mm mortars; identifies the components characteristics, capabilities, and limitations of air support; the characteristics of the air-ground operations system; and the role of fire support coordinator (FSCOORD) in air support operations; the characteristics, capabilities and limitations, and employment considerations for joint air attack team, the characteristics, missions, capabilities, and limitations of naval gunfire support; the organization of naval gunfire support personnel; and FSCOORD and fire support team responsibilities in the employment of naval gunfire support. Identifies target terms and targeting techniques used in fire support planning, artillery cannon and rocket characteristics, planning criteria and implementing procedures for a final protective fire; criteria for establishing, and the techniques for graphic portrayal of, fire support coordinating measures, and identifies the elements which comprise, and responsibilities for preparation of paragraph 3a(3) and the fire support operation order. Crd hrs: 5.

Subcourse: IN0802

Title: Plan for Indirect Fire Support and Air Defense—Part II.

Description: Identifies the relationship that exists between the maneuver commander and the supporting fire support coordinator (FSCOORD), the role of the maneuver commander in fire support planning, and the principles of fire support; identifies the characteristics of, and FSCOORD responsibilities for, fire support planning and coordination; identifies the organization, equipment, communications, duties and fire support planning and coordination functions of the battalion/task force fire support section, and their fire support planning considerations and procedures; identifies the fire support planning considerations and procedures for offensive operations, defensive operations, retrograde operations, military operations on urbanized terrain, and other operations, employment of illumination and smoke munitions; and identifies the characteristics and phases of preparation fires and the purposes and techniques of quick fire support planning. Crd hrs: 7.

Subcourse: IN0810

Title: Mechanized Company/Team in Offensive Operations.

Description: Identifies the command and control responsibilities of company team, the command and support relationships, the troop-leading procedures, an operations order, and the command and control of operations for a company team in offensive operations. Identifies offensive concepts, characteristics, functions, understanding the use of tanks and mechanized infantry, identifies Soviet defensive tactics, tactical movement and control measures, movement to contact, conduct of the attack, assault, consolidation, and reorganization, and understanding limited visibility, offensive operations, and team roles in the reductions of a fortified strong point. Crd hrs: 5.

Subcourse: IN0813

Title: Battalion Task Force in Retrograde Operations.

Description: Identifies the purposes of, and planning procedures for, retrograde operations and the nature of the soviet threat to U.S. Forces conducting retrograde operations. Also identifies the planning considerations and procedures, and operational methods and techniques for conducting delay operations, identifies the planning considerations and procedures, and operational methods and techniques for conducting withdrawal and retirement operations, and identifies the circumstances, formats, contents, and procedures for preparing and issuing task force warning orders and operation orders for a delay operation. Crd hrs: 5.

Subcourse: IN0821

Title: Tactical Doctrine (Offense).

Description: Identifies the purposes, characteristics, and phases of offensive operations, identifies the forms of maneuver and the framework for tactical offensive operations, identifies the types and characteristics of tactical offensive operations, identifies the considerations and techniques for planning, preparing, and conducting attacks, and identifies the types and characteristics of and planning considerations for special purpose operations. Crd hrs: 5.

Subcourse: IN0822

Title: Tactical Doctrine (Defense).

Description: Develops the infantry officer's knowledge of tactical defensive operations. Covers the planning and preparation for the defense, deep and security operations, reserve and rear operations, retrograde operations, and various types of joint operations. Crd hrs: 5.

Subcourse: IN0828

Title: Operations in Desert Special Environments—Part I.

Description: Survive, operate, and conduct warfare in desert special environment. Crd hrs: 5.

Subcourse: IN0830

Title: Combat Support/Combat Service Support (Mechanized Infantry Task Force).

Description: Concepts and operations of combat support and combat service support elements/assets assigned, attached, and OPCON to a mechanized infantry task force. Crd hrs: 5.

Subcourse: IN0831

Title: Battalion Task Force Offensive Operations.

Description: Teaches infantry officers the fundamentals of battalion task force offensive operations; how to identify and execute battalion task force offensive operations. Crd hrs: 6.

Subcourse: IN0832

Title: Battalion Task Force Operations (Defense).

Description: Fundamentals of battalion task force defensive operations, command and control responsibilities and facilities, defensive

Table 3–13
Infantry subcourses (IN)—Continued

operation orders, planning for defensive operations, threat offensive doctrine, types of defense, reserve operations, and other defensive operations and techniques. Crd hrs: 5.

Subcourse: IN1008

Title: Individual Combat Techniques—Part I.

Description: Perform individual combat techniques to include: moving under direct fire; moving over, through, or around obstacles (except minefields); Reacting to indirect fire and flares; construct a fighting position; cover, concealment, and camouflage; practicing noise, light, and litter discipline, and know your rights and obligations as a prisoner of war. MOS: 11B/C/H/M. Crd hrs: 6.

Subcourse: IN1009

Title: Individual Combat Techniques—Part II.

Description: Teaches combat techniques using visual signals to control movement (dismounted), moving as a member of a fire/dismount team and patrol, using hand grenades and moving a casualty from the immediate battle area. Wheeled and track vehicle recovery techniques: recovering a wheeled vehicle, removing/installing track shoe(s) on a tracked vehicle, and recovering a track vehicle using field expedients. MOS: 11B/C/H/M. Crd hrs: 8.

Subcourse: IN1010

Title: Individual Combat Techniques—Part III.

Description: Responsibilities and tasks of a soldier preparing for combat. Using correct challenge/password techniques and collect/report information SALUTE procedures. Estimating range, recognizing and identifying friendly and threat armored vehicles. Identifying threat weapons and equipment. Conducting day and night surveillance without the aid of electronic devices. Visually identify threat aircraft and engage hostile aircraft with small arms combat techniques when deployed in urban terrain. Techniques of movement and selecting hasty firing positions in urban terrain. Entering and clearing a building. Preparing individual and crew-served weapons positions in urban terrain. MOS: 11B/C/H/M. Crd hrs: 6.

Subcourse: IN1012

Title: Individual Combat Techniques—Part IV.

Description: Putting on, wearing and removing your M17–Series, M24, M25 or M25A1 protective mask with hood and storing your M17–Series protective mask and hood in carrier; maintaining your M17–series, M24, M25 or M25A1 protective mask with hood and replacing filters in your M17–Series protective mask; decontaminating your skin and personal equipment, putting on and wearing protective clothing, and drinking, using the latrine, and observing sleeping soldiers and MOPP4; reacting to nuclear hazard and recognizing and reacting to chemical or biological hazard; using M8 and M9 detector paper to detect chemical agent; decontaminating equipment using ABC M11 decontaminating apparatus; and marking NBC contaminated area. MOS: 11B/C/H/M. Crd hrs: 6.

Subcourse: IN1013

Title: Infantry Fire Team Leader Techniques—Part I.

Description: Using a map overlay and processing known or suspected enemy personnel, documents and equipment. Supervise and evaluate construction of a fighting position and emplace/recover field expedient warning devices and pyrotechnic early warning devices and install/recover a mechanical ambush. Use visual signaling techniques (mounted and request aeromedical evacuation. Prepare and submit NBC–4 report and supervise the fitting of protective masks. MOS: 11B/C/H. Crd hrs: 5.

Subcourse: IN1014

Title: Infantry Fire Team Leader Techniques—Part II.

Description: Direct a fire team's defensive operations. Supervise the operation of a platoon early warning system, and control a fire team's defensive fire. Direct a fire team's offensive operations. Direct a fire team's movement. Control a fire team's offensive fire and movement. MOS: 11B/M. Crd hrs: 5.

Subcourse: IN1015

Title: Infantry Squad Leader Techniques—Part I.

Description: Lead a squad on a tactical mission, direct a squad threatened by nuclear, biological, and chemical (NBC) attack. MOS: 11B/C/H/M. Crd hrs: 6.

Subcourse: IN1016

Title: Infantry Squad Leader Techniques—Part II.

Description: Issue a warning order, fragmentary order, and an oral squad operation order. Supervise combat loading of the M2/M3 Bradley personnel and equipment. Ensure operational security of an M2/M3 Bradley squad. Control the employment of a squad's M72A2 LAWs. MOS: 11B/H/M. Crd hrs: 5.

Subcourse: IN1055

Title: Mortar Section Leader Tasks.

Description: Declinate an M2 aiming circle. Establish a declination station and declinate an M2 aiming circle. Assist the unit commander by making target recommendation, define terms used in fire planning, and prepare a recommended target list. Prepare a target list, target overlay and fire plan. Prepare a fire direction center order for the 60mm, 81mm, and 4.2 inch mortars. MOS: 11C. Crd hrs: 5.

Subcourse: IN1056

Table 3-13
Infantry subcourses (IN)—Continued

Title: Infantry Mortar Field Techniques.

Description: Describe the mortar field techniques. Move as a member of dismounted mortar squad (60mm/81mm Mortar), construct and camouflage a mortar firing position, construct a mortar position in a military operation in urban terrain environment, and determine an azimuth using an M2 compass. Prepare an M2 aiming circle for operation. Orient an M2 aiming circle and lay mortars for direction, boresight a mortar for deflection using an M2 aiming circle, lay a mortar for direction, use an M2 compass (ground mounted) and (carrier mounted), and boresight a mortar for elevation using an M2 compass. Supervise a squad during the occupation of a firing position, storage of ammunition and using mortar firing tables (60mm, 81mm, 4.2 inch). MOS: 11C. Crd hrs: 6.

Subcourse: IN1072

Title: M966 HMMWV TOW (Light).

Description: Prepare an M966 HMMWV for firing; perform a system checkout; determine launcher firing limitation; load an M220A2 launcher; take immediate action to correct malfunction; prepare the M966 HMMWV for extended travel; and mount and remount an M220A2 launcher system on an M966 HMMWV. MOS: 11H. Crd hrs: 5.

Subcourse: IN1074

Title: Infantry Squad Leader Techniques (Bradley Fighting Vehicle), Part I.

Description: Issue a warning and fragmentary order; use visual signaling techniques while mounted; navigate from one point on the ground to another point, mounted; direct a driver over a terrain route; select overwatch positions; guide a helicopter to a landing point; control organic fires; supervise the use of night vision devices; operate a thermal viewer AN/PAS-7; prepare a range card for a BFV; conduct the maneuver of an M2 BFV rifle team; prepare the platoon early warning system AN/TRS-2 for operation; install and monitor a platoon early warning system AN/TRS-2. MOS: 11H. Crd hrs: 5.

Subcourse: IN1075

Title: Infantry Squad Leader Techniques (Bradley Fighting Vehicle), Part II.

Description: Conduct troop leading procedures for an operation; issue an oral operation order; conduct the maneuver of a squad; designate primary, alternate and supplementary fighting positions for key weapons; conduct movement techniques by an M2 BFV dismounted element; plan the employment of field expedient and pyrotechnic early warning devices; conduct a leader's reconnaissance; and conduct movement techniques by an M2 BFV platoon while mounted. (Prerequisite: IN1074.) MOS: 11M. Crd hrs: 5.

Table 3-14
Interscholar subcourses (IS)

Subcourse: IS0102 (Proponent: Aviation Center)

Title: Introduction to the Tactical Employment of Army Aviation.

Description: Major divisional aviation organizations; special staff responsibilities, command and support relationships, terrain flight operations; types of tactical missions. Crd hrs: 4.

Subcourse: IS0103 (Proponent: Aviation Center)

Title: History of the Warrant Officer.

Description: Significant events pertaining to the authorization, duties, and responsibilities of the warrant officer per DA Pam 600-11 and the Total Warrant Officer Study. Crd hrs: 1.

Subcourse: IS0341 (Proponent: Chemical School)

Title: Chemical and Biological Reporting.

Description: Basic procedures for preparing messages and reports related to chemical biological attacks. How to prepare the following: Chemical Downwind Message which provides weather data critical in an NBC environment; NBC 2 (Chemical/Biological) Report which provides evaluated data; NBC 3 (Chemical/Biological) Report which provides immediate warning of expected contamination; NBC 5 (Chemical/Biological) Report which provides detailed summary information on attacks; chemical warning (CHEMWARN) message which provides warning of a friendly chemical attack. Information is also provided on the NBC 1 (Chemical/Biological) Report which provides initial attack data from unit observers and the NBC 4 (Chemical/Biological) Report which provides results of monitoring, reconnaissance and surveys. Crd hrs: 8.

Subcourse: IS0342 (Proponent: Chemical School)

Title: NBC Intelligence.

Description: Purposes, limitations, elements, and sources of NBC intelligence; identify Soviet NBC weapons, detection, protective, and decontamination equipment; describe Soviet NBC organization and training; procedures for evaluating and analyzing enemy information and captured material in terms of NBC capability. Crd hrs: 6.

Subcourse: IS0343 (Proponent: Chemical School)

Title: NBC First Aid.

Description: Fundamentals of NBC first aid; effects of chemical agents on personnel; restoring breathing to a chemical agent casualty;

Table 3–14
Interscholar subcourses (IS)—Continued

recognizing symptoms and applying first aid measures for choking agents, tear agents, vomiting agents, incapacitating agents, screening smokes, and incendiaries. Crd hrs: 10.

Subcourse: IS0344 (Proponent: Chemical School)

Title: Use and Maintenance of Protective Masks and Clothing.

Description: Proper use of items of protective equipment; fundamentals of surviving in an NBC environment; use and maintenance of standard protective mask and clothing; drinking, using the latrine, and sleeping while wearing protective masks and clothing. Crd hrs: 9.

Subcourse: IS0345 (Proponent: Chemical School)

Title: Operations in an NBC Environment.

Description: Actions a unit must take to control casualties while operating in an NBC environment. Purpose and fundamentals of mission-oriented protective posture including other protective measures to take when crossing a contaminated area. Measures for protecting personnel, equipment, and supplies from an NBC attack and how to advise the commander on the current NBC situation. Crd hrs: 8.

Subcourse: IS0346 (Proponent: Chemical School)

Title: Chemical Detection and Decontamination.

Description: Fundamentals of survival in an NBC environment; detection and identification procedures; and decontamination in an NBC environment. Crd hrs: 7.

Subcourse: IS0347 (Proponent: Chemical School)

Title: Individual Survival in an NBC Environment.

Description: How to decontaminate your skin, clothing, and equipment using decontamination kits or field expedients. Crd hrs: 3.

Subcourse: IS0500 (Proponent: Chemical School)

Title: Standards in Weapons Training.

Description: Provides information to assist commanders and unit trainers in the planning and executive of live-fire, sub-caliber and Training Aids, Devices Simulators and Simulation (TADSS) based training events. Crd hrs: 3.

Subcourse: IS0788 (Proponent: Infantry School)

Title: Land Navigation.

Description: Map reading and map-terrain association skills and how to apply these skills to land navigation. Crd hrs: 8.

Subcourse: IS0821 (Proponent: U.S. Army Medical Department)

Title: Self-Aid/Buddy Aid.

Description: Instructions for performing the 16 self-aid/buddy-aid (first aid) tasks that all soldiers are required to know. Includes restoring breathing, stopping bleeding, splinting fractures, treating wounds and shock, treating nerve agent poisoning, treating heat and cold injuries, transporting casualties, and protecting self from disease. Crd hrs: 15.

Subcourse: IS0823 (Proponent: U.S. Army Medical Department)

Title: Health Service Support of Combat Operations (Advanced).

Description: Integrated medical support system organic to the Army division with emphasis on the health service support for brigade and lower unit operations. Crd hrs: 5.

Subcourse: IS0824 (Proponent: U.S. Army Medical Department)

Title: Buddy Aid Tasks.

Description: Phase 1 of the Combat Lifesaver Course. Includes restoring respiration, stopping bleeding, controlling shock, and splinting fractures. (Available only through the Combat Lifesaver Correspondence Course.)

Subcourse: IS0825 (Proponent: U.S. Army Medical Department)

Title: Medical Tasks.

Description: Phase 2 of the Combat Lifesaver Course. Includes intravenous infusions, chemical agents, and combat stress. (Available only through the Combat Lifesaver Correspondence Course.)

Subcourse: IS0826 (Proponent: U.S. Army Medical Department)

Title: Combat Lifesaver Instructors Manual.

Description: Contains lesson plans and solutions to examinations for subcourses IS0824 and IS0825. (Available only to an instructor of the Combat Lifesaver Correspondence Course.)

Subcourse: IS0902 (Proponent: Combined Arms Support Command)

Title: Introduction to Wheeled Vehicles.

Description: Common automotive terms and classifications; the types, purposes, and characteristics of military wheeled vehicles. MOS: 63B. Crd hrs: 5.

Subcourse: IS1100 (Proponent: Signal Center)

Title: Signal Operation Instructions (SOI).

Table 3–14
Interschool subcourses (IS)—Continued

Description: Covers the SOI, Meaconing, Intrusion, Jamming, and interference Reports, and the DRYAD Numeral Cipher/Authentication System. AOC: 25A. Crd hrs: 2.

Subcourse: IS1132 (Proponent: Signal Center)

Title: Antenna Systems.

Description: Radio antennas, antenna radiation patterns and antenna performance characteristics. Description, installation of radio antenna AT–984 and RC–292. Construction and use of field wire expedient radio antennas. Selection of tactical and technical sites for FM radios. MOS: 13B/E/F, 17B/C, 82C, 93F. Crd hrs: 4.

Subcourse: IS1133 (Proponent: Signal Center)

Title: Operation of Radio Set AN/PRC–77 (SOJT).

Description: Inspection, operational checks, and presetting frequencies in Radio Set AN/PRC–77. This subcourse was converted from three audiovisual TEC lessons. Access to the following equipment is required to perform the SOJT tasks: Radio Set AN/PRC–77 with accessories and cleaning material. MOS: 31K. Crd hrs: 6.

Subcourse: IS1143 (Proponent: Signal Center)

Title: Radio Wave Propagation and Antennas.

Description: Identify characteristics of wave propagation and calculate antenna lengths. Types of antennas and frequency selection procedures for short- and long-distance radio circuits. MOS: 31C/E. Crd hrs: 9.

Subcourse: IS1202 (Proponent: Adjutant General School)

Title: Personnel Management.

Description: Teaches general fundamentals included in the Army Personnel Management System. Crd hrs: 6.

Subcourse: IS1203 (Proponent: Adjutant General School)

Title: Service Benefits and Retirements.

Description: Teaches how to manage a personal affairs program and provide the personnel services necessary to administer such a program. Includes the study of legal affairs and benefits authorized soldiers and veterans (including military retirees), their dependents and survivors and discusses estate planning, dependents' medical health programs, pensions, compensation, social security, and the Survivor Benefit Plan. Crd hrs: 10.

Subcourse: IS1460 (Proponent: Army Communicative Skills Office)

Title: Effective Army Writing.

Description: Includes principles and standards of critical reasoning and creative thinking, the rules of Army writing, the steps to effective writing, and some practical guidance on issues from selecting words and phrases to preparing a staff study. Crd hrs: 10.

Subcourse: IS1600 (Proponent: Chaplain School)

Title: Chaplain Support Activities (Basic).

Description: The role of the chaplain in developing programs to assist the commander in dealing with human relations problems. Focuses on the leadership in matters of morals, morale, and ethics that the chaplain provides as a special staff officer. Crd hrs: 1.

Subcourse: IS1703 (Proponent: U.S. Army Training Support Center)

Title: Methods of Instruction (Effective Speaking).

Description: Methods and techniques of military instruction with emphasis on oral presentation techniques including military briefings and small group discussions. Crd hrs: 3.

Subcourse: IS1705 (Proponent: Armor School)

Title: Safety Management for the Supervisor.

Description: How accidents happen, the steps the Army takes to prevent them, and the responsibilities of the safety management supervisor. Crd hrs: 9.

Subcourse: IS1801 (Proponent: Judge Advocate General's School)

Title: Legal Aspects of Internal Armed Conflict, Review of the Law of War.

Description: Nature of international law, recognition of internal law in the Constitution; the presence of American forces in host countries based on invitation plus agreement; typical Status of Forces, Military Assistance Advisory Group, and mission agreements; civil action type agreements; the country team; civil wars in international law, the nature of belligerency and insurgency; the status of participants in insurgency type civil wars. Crd hrs: 4.

Subcourse: IS1802 (Proponent: Judge Advocate General's School)

Title: Basic Course on Geneva/Hague Conventions.

Description: The principles, spirit, and intent of the conventions including the prohibition against unnecessary destruction; humane treatment of prisoners of war, other captured and detained personnel, and civilians; the obligation not to commit war crimes and to report those committed; and the concept of criminal orders. Crd hrs: 4.

Subcourse: IS1803 (Proponent: Judge Advocate General's School)

Table 3–14
Interschool subcourses (IS)—Continued

Title: Basic Principles of Military Justice.

Description: Teaches junior company grade officers basic principles of the military justice system. Covers disposition of offenses including disposition by court-martial, nonjudicial punishment under Article 15, administrative action, soldiers' constitutional protections against unreasonable searches and seizures, and self-incrimination. Crd hrs: 4.

Subcourse: IS1804 (Proponent: Judge Advocate General's School)

Title: Advanced Principles of Military Justice.

Description: A history of the American military legal system and a discussion of the philosophical concepts basic to that system. Focuses on the court-martial process, court-martial jurisdiction over persons and offenses, the commander's role in the administration of the court-martial, application of the constitutional protections to the military, and the duties and responsibilities of court-martial members. This subcourse is oriented to the needs of the military commander. Crd hrs: 4.

Subcourse: IS3001 (Proponent: Intelligence Center)

Title: Introduction to Order of Battle.

Description: Define Order of Battle (OB) and describe OB factors, organize and maintain a system of sorting and holding of OB information, organize and maintain intelligence files, determine information/intelligence requirements, and identify intelligence analysis techniques and the types of reports used to disseminate information and intelligence. Crd hrs: 8.

Subcourse: IS3002 (Proponent: Intelligence Center)

Title: Intelligence Fundamentals.

Description: Describes the major elements of combat intelligence and the intelligence cycle including phases of the intelligence cycle, processing of captured documents and personnel, counterintelligence, collection methods, intelligence and training, safeguarding defense information, and military intelligence organization. Crd hrs: 2.

Subcourse: IS3003 (Proponent: Intelligence Center)

Title: Soviet Armed Forces.

Description: Familiarizes you with the Soviet Armed Forces doctrine, tactics, organization, and equipment in relation to tactical operations and employment of forces. Discusses the threat posed to the U.S. armed forces by the growth and power of Soviet armed forces, Soviet offensive formations and types of maneuver emphasizing tactical offensive operations, defensive doctrine emphasizing hasty and prepared defenses, and special operations emphasizing airborne, air assault, airmobile. Military transport aviation and naval infantry forces. Crd hrs: 4.

Subcourse: IS3004 (Proponent: Intelligence Center)

Title: Ground Surveillance Assets.

Description: Explains ground surveillance assets and their use in Military Intelligence battalions and companies, and intelligence and surveillance companies. Only unit organic equipment is discussed, to include the remotely monitored battlefield sensor system (REMBASS). Suggested supplemental reading: IT0503, IT0504, and IT0515. MOS: 96R. Crd hrs: 3.

Subcourse: IS3005 (Proponent: Intelligence Center)

Title: Safeguarding Defense Information.

Description: Procedures for marking, handling, storing, and destroying classified material, and implementing a unit security education program. Crd hrs: 5.

Subcourse: IS3007 (Proponent: Intelligence Center)

Title: Electronic Warfare.

Description: Explains the basic types of electronic warfare (EW) support available and how they are incorporated into the combined arms team. Contains instruction on components of EW, the staff responsibilities for EW, and EW planning, management, and control. Crd hrs: 6.

Subcourse: IS3008 (Proponent: Intelligence Center)

Title: Southwest Asia I.

Description: History, weather, terrain, lines of communication, and the military capabilities of Iran, Iraq, Kuwait, and Saudi Arabia. Crd hrs: 10.

Subcourse: IS3009 (Proponent: Intelligence Center).

Title: Southwest Asia II.

Description: How to recognize the general characteristics and historical perspectives of Southwest Asia and the strategic significance of the regions. Instruction on military capabilities, history, weather, terrain, and lines of communications of Bahrain, Israel, Jordan, Lebanon, Oman, Qatar, Syria, United Arab Emirates, and Yemen. Crd hrs: 10.

Subcourse: IS3010 (Proponent: Intelligence Center)

Title: Northeast Africa, South and Southwest Asia Military Equipment Identification I.

Description: Includes major military equipment of Afghanistan, Bahrain, Djibouti, Egypt, Ethiopia, India, Iran, Iraq, Israel, Jordan, Kenya, Kuwait, Lebanon, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, Syria, United Arab Emirates, and Yemen. Equipment encompasses characteristics, recognition, origin, and user countries of tanks, reconnaissance and scout vehicles, armored personnel carriers, infantry fighting vehicles, self-propelled and towed artillery, mortars, antiaircraft guns, and antitank guided missiles. Crd hrs: 8.

Table 3–14
Interschool subcourses (IS)—Continued

Subcourse: IS3011 (Proponent: Intelligence Center)

Title: Northeast Africa, South and Southwest Asia Military Equipment Identification II.

Description: Includes major military equipment of Afghanistan, Bahrain, Djibouti, Egypt, Ethiopia, India, Iran, Iraq, Israel, Jordan, Kenya, Kuwait, Lebanon, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, Syria, United Arab Emirates, and Yemen. Equipment encompasses characteristics, recognition, origin, and user countries of multiple rocket systems, surface-to-surface missiles, short-range ballistic rockets, surface-to-air missiles, radars, engineer equipment, helicopters, and aircraft. Crd hrs: 8.

Subcourse: IS3012 (Proponent: Chemical School)

Title: North Korean Armed Forces.

Description: Familiarizes you with North Korean Armed Forces doctrine, tactics, organization, and equipment in relation to tactical operations and employment of forces. Crd hrs: 4.

Subcourse: IS4400 (Proponent: Air Defense Artillery School)

Title: Visual Aircraft Recognition.

Description: Conduct of visual aircraft recognition training programs and familiarization with the distinguishing features and silhouettes of various types of aircraft. Crd hrs: 3.

Subcourse: IS4401 (Proponent: Air Defense Artillery School)

Title: Small Arms Defense against Air Attack.

Description: Present procedures and techniques for small arms self- defense against air attack to keep a unit functioning so it can continue to perform its mission. Crd hrs: 2.

Subcourse: IS7000 (Proponent: Command and General Staff College)

Title: Operational Concepts.

Description: Describe the basic tenets of AirLand Battle Doctrine, identify levels of war, describe the elements of combat power, and identify imperatives. Crd hrs: 2.

Subcourse: IS7003 (Proponent: Command and General Staff College)

Title: Army Organization and Equipment.

Description: Identify Army organization, equipment, and missions in U.S. Army division, identify the organization, capabilities, and limitations of U.S. Army heavy, airborne, air assault, infantry, and light infantry divisions. Crd hrs: 4.

Subcourse: IS7004 (Proponent: Command and General Staff College)

Title: Plans, Orders, Annexes, and Symbolology.

Description: Describes the plans, orders, annexes, and symbolology available to the commander, the operation plan and order, and the techniques and considerations used to prepare an operation plan or order. Identifies the types of combat orders, the purpose and the format used in the preparation of selected annexes and appendices to operation plans and orders. Military symbols, graphics, and appropriate overlay techniques used to support military plans and orders, and depict military symbols and graphics. Crd hrs: 3.

Subcourse: IS7006 (Proponent: Command and General Staff College)

Title: Military Operations Other than War.

Description: Trains company grade officers in the concepts of operations other than war. Gives information on support for insurgency and counterinsurgency, combating terrorism, peacekeeping operations, contingency operations short of war, and DOD's support for counter drug operations. Crd hrs: 4.

Subcourse: IS7008 (Proponent: Command and General Staff College)

Title: Staff Procedures, Organization and Functions.

Description: Describe the organization, functions, and command post of brigades, battalions, and divisions. Describe the organization and functions and brigade and battalion level staffs. Describe brigade, battalion, and division command and control on the battlefield. Describe the executive officer's role and relationship with the commander and staff. Describe the relationship between the commander and the staff groups. Identify the functions of the Special Staff Group. Describe the principles of command and control systems. Describe tactical communications systems which support command and control. Crd hrs: 5.

Subcourse: IS7032 (Proponent: Command and General Staff College)

Title: Military History.

Description: Defines the basic terms and concepts of combined arms warfare. Describes the evaluation of combined arms warfare during the 20th Century. Identifies and explains major trends and principles in the evolution of combined arms warfare during the 20th Century. Crd hrs: 4.

Subcourse: IS7033 (Proponent: Command and General Staff College)

Title: Battle Analysis.

Description: Covers the role, categories and major elements of military history as it relates to professional development. Analyzes historical military operations using the Army's battle analysis methodology. Analyzes the strategic significance of the Lorraine Campaign, the Moselle River crossing and the Foret de Gremecey. Crd hrs: 5.

Table 3–14
Interschool subcourses (IS)—Continued

Subcourse: IS7034 (Proponent: Center for Army Leadership)

Title: The Role of the NCO in Leadership, Part I.

Description: Defines leadership and explains the basic doctrinal factors and principles of the leadership process. This includes the eleven principles of leadership, the four factors of leadership, the nine leadership competencies, the professional Army ethic, and military professionalism. Crd hrs: 7.

Subcourse: IS7035 (Proponent: Center for Army Leadership)

Title: The Role of the NCO in Leadership, Part II.

Description: The duties, responsibilities, and authority of NCOs; the customs and traditions of the Army; the ethical decision making and communications processes. Crd hrs: 6.

Subcourse: IS7036 (Proponent: Center for Army Leadership)

Title: The Role of the NCO in Leadership, Part III.

Description: Basic information on military discipline, motivating soldiers, creating an ethical climate in the squad, and counseling subordinate soldiers. Crd hrs: 6.

Subcourse: IS7038 (Proponent: Center for Army Leadership)

Title: Leadership.

Description: Describe the process of taking charge of a company or equivalent organization and establishing yourself as the leader. Define command climate and identify the climate areas that affect a unit's command climate. Describe the fundamentals of unit cohesion. Assess the cohesion of a unit and describe how to use the factor areas of unit cohesion to improve cohesion. Explain the fundamentals and process of leader development. Prepare a plan to develop subordinate leaders. Define combat stress and explain its sources. Identify the signs of combat stress in yourself, in others, and in the unit. Describe the treatment of different levels of battle fatigue and how to prepare your unit to accomplish its mission despite combat stress. Crd hrs: 11.

Subcourse: IS7045 (Proponent: Center for Army Leadership)

Title: Describe NBC Defense Concepts.

Description: Tactical significance of NBC hazard areas; the effects of smoke and obscurants on electro-optical systems; employment of flame field expedients; chemical agents and their physiological effects; and U.S. policies concerning NBC weapons use and employment of NBC weapons. Crd hrs: 3.

Subcourse: IS8700 (Proponent: Combined Arms Command Training)

Title: Overview of Training Management.

Description: Management of performance oriented training, and training in the Army. Crd hrs: 4.

Subcourse: IS8701 (Proponent: Combined Arms Command Training)

Title: Prepare to Conduct Training.

Description: Analyze training guidance, perform backward planning, identify subtask and task steps, identify resources, select training methods, prepare an outline, prepare resource and conduct training. Crd hrs: 3.

Subcourse: IS8706 (Proponent: Combined Arms Command Training)

Title: The After-Action Review.

Description: How to plan, prepare, and conduct an after-action review (AAR) to Army standard. Crd hrs: 2.

Subcourse: IS8710 (Proponent: Combined Arms Command Training)

Title: Planning Training.

Description: Basic procedures for planning battle focused training. How to conduct long-range, short-range, and near-term planning. Crd hrs: 3.

Subcourse: IS8711 (Proponent: Combined Arms Command Training)

Title: Executing and Assessing Training.

Description: Basic procedures for executing and assessing battle focused training. How to prepare and conduct performance oriented training, describe and identify the appropriate training exercise, and how to develop battle focused training. Crd hrs: 3.

Subcourse: IS8718 (Proponent: Combined Arms Command Training)

Title: Training/Training Management I.

Description: Describes the actions and considerations a leader must take in planning and conducting collective and individual training, techniques and consideration taken when conducting an After-Action Review, and identifies the processes of developing a Unit Mission List. Crd hrs: 5.

Subcourse: IS8719 (Proponent: Combined Arms Command Training)

Title: Training/Training Management II.

Description: Describes the procedures used to determine unit proficiency, establish training priorities, develop a long-range plan and a short-range plan, develop a near-term plan and conduct a training meeting, and plan and develop training exercises. Crd hrs: 5.

Table 3-14
Interschool subcourses (IS)—Continued

Subcourse: IS8720 (Proponent: Combined Arms Command Training)

Title: Explain Leader Training Responsibilities.

Description: Describes the roles and responsibilities of commanders and leaders in battle focused training including Mission Essential Task List (METL) development, long-range planning, short-range planning, near-term planning, training execution and assessment. The material presented is based on FM 25-101 and MQS II Task S1-8951.00-8956. Crd hrs: 1.

Table 3-15
Intelligence subcourses (IT)

Subcourse: IT0110

Title: Personnel Security Program.

Description: Instructions on how to determine the need, initiation procedures, administrative functions, and revocation of security clearances; why a Personnel Security Program (PSP) is vital to national defense; nomenclature associated with a PSP; and differences in degree of security clearances based on duties or position. Crd hrs: 5.

Subcourse: IT0113

Title: Reporting and Disseminating Intelligence Information.

Description: Suggested format and time frame for eight intelligence reports, the most common types produced in the Army today. Also, approved means of distributing these reports. Crd hrs: 10.

Subcourse: IT0300

Title: Elementary Signal Theory.

Description: Introduction to radio waves; their characteristics; and elementary wave propagation concepts. MOS: 98K. Crd hrs: 4.

Subcourse: IT0301

Title: Basic Communications Information.

Description: Gives basic facts about military radio communications and radio operations in general. How to identify the various types of radio nets, structures, and operations. MOS: 98H. Crd hrs: 4.

Subcourse: IT0302

Title: Introduction to Radio Direction Finding.

Description: Basic concepts and minimum equipment requirements of radio direction finding (DF) as it is practiced in the Army today. The applications of DF are varied, with each application having its own requirements. This subcourse introduces the basic terms and concepts of DF necessary to understand its application to other specialists or to prepare for the complete DF course. Crd hrs: 5.

Subcourse: IT0303

Title: Direction Finding Analysis.

Description: How to prepare a direction finding check bearing log and the knowledge necessary for computing systematic error and standard deviation. Crd hrs: 5.

Subcourse: IT0305

Title: Direction Finding Plotting Requirements.

Description: Methods of evaluating direction finding results; terms and types of plotting and their uses; requirements for a direction plotting section. Crd hrs: 5.

Subcourse: IT0306

Title: Border Coordinates.

Description: Construction of a direction finding plotting facility using border coordinate tables. Crd hrs: 4.

Subcourse: IT0307

Title: Prepare a COMSEC Account-Daily Shift Inventory.

Description: How to prepare a communication security (COMSEC) account-daily shift inventory, DA Form 2653-R (COMSEC Account - Daily Shift Inventory) and to inventory COMSEC material. Crd hrs: 2.

Subcourse: IT0309

Title: Single Station Location (SSL) Operations.

Description: How to identify the characteristics of radio wave propagation, the ionosphere, electromagnetic environmental effects (E3), and basis theory of SSL technology. Crd hrs: 4.

Subcourse: IT0310

Title: Introduction to Cryptanalysis.

Description: Basic types of cryptographic systems, factors which affect system selection and system security in military usage, and how the cryptanalyst approaches solution of a cryptographic system. Crd hrs: 4.

Table 3–15
Intelligence subcourses (IT)—Continued

Subcourse: IT0312

Title: Unilateral Substitution Systems Using Mixed Cipher Alphabets and Recovery of Mixed Cipher Alphabets.

Description: How to construct and use mixed cipher alphabets unilateral systems and to solve cryptograms using known mixed sequences. Categories and methods of producing mixed cipher alphabets and techniques used in the recovery of mixed cipher alphabets. (Prerequisite: IT0310.) MOS: 98C. Crd hrs: 10.

Subcourse: IT0332

Title: Powers of Ten and Conversion of Electrical Units.

Description: How to use scientific notation, powers of ten, and common number prefixes which denote powers of ten. This knowledge is needed throughout the subcourses on electronics. CMF: 33. Crd hrs: 2.

Subcourse: IT0333

Title: OHM's Law.

Description: How to solve simple circuits using Ohm's Law and to calculate values in series–parallel circuits. (Prerequisite: IT0332.) CMF: 33. Crd hrs: 2.

Subcourse: IT0334

Title: Circuits.

Description: How to calculate values to DC series circuits and solve for unknown values of voltage, current, and resistance in series-parallel circuits. CMF: 33. Crd hrs: 4.

Subcourse: IT0335

Title: Introduction to Cells and Batteries.

Description: The characteristics of cells and batteries and their effects in simple circuits. CMF: 33. Crd hrs: 2.

Subcourse: IT0336

Title: Elements of Electrical Physics Statics.

Description: Concepts of static electricity including the physical basis for electricity, electrical charge, and thermal effects based on the atomic and molecular structure of matter. CMF: 33. Crd hrs: 3.

Subcourse: IT0337

Title: Elements of Electrical Physics, Dynamic Electricity.

Description: Physical properties of electricity in motion, the three conditions necessary for electron movement, and the units of measurement assigned to these necessities. (Prerequisites: IT0332 through IT0336.) CMF: 33. Crd hrs: 3.

Subcourse: IT0338

Title: Introduction to Logical Troubleshooting.

Description: Teaches concepts of troubleshooting electronic equipment. Crd hrs: 2.

Subcourse: IT0339

Title: Digital Numbering System.

Description: How to identify and utilize different numbering systems used in the troubleshooting of computer equipment. Crd hrs: 2.

Subcourse: IT0340

Title: Conductors, Resistors, Insulators and Color Codes.

Description: Teaches characteristics of conductors, resistors, insulators, and how to interpret the color code of resistors. Crd hrs: 3.

Subcourse: IT0341

Title: Atomic Structure.

Description: The basic chemical properties of atoms as they pertain to the study of electronics. CMF: 33. Crd hrs: 2.

Subcourse: IT0342

Title: Basic Operations of Boolean Algebra.

Description: Introduction to boolean algebra which has various usage in digital circuit design and computer application. It can be applied to simplify complex logic circuit and in structuring database searches. Crd hrs: 2.

Subcourse: IT0343

Title: Basic Concepts of Boolean Algebra Conversions.

Description: How to convert logic diagrams to boolean expressions and to convert boolean to logic diagrams. (Prerequisite: IT0342.) Crd hrs: 5.

Subcourse: IT0344

Title: Basic Laws of Boolean Algebra.

Table 3–15
Intelligence subcourses (IT)—Continued

Description: The set of basic laws and identities developed as a means of mathematically representing logical operations. (Prerequisites: SA0712 and SA0713.) CMF: 33. Crd hrs: 5.

Subcourse: IT0345

Title: Boolean Simplification, Veitch Diagrams.

Description: How to simplify boolean expressions using veitch diagrams. (Prerequisites: IT0342, IT0343, and IT0344.) Crd hrs: 5.

Subcourse: IT0346

Title: Boolean Application.

Description: Teaches the application of Boolean Algebra. (Prerequisites: IT0342, IT0343, IT0344, IT0345.) Crd hrs: 5.

Subcourse: IT0348

Title: Work, Power, and Energy (Electrical).

Description: How to perform work, power, and energy calculations for electrical circuits. (Prerequisites: IT0332, IT0333, IT0334, and IT0335.) Crd hrs: 2.

Subcourse: IT0349

Title: Magnetism and Electromagnetism.

Description: Concepts of troubleshooting electronic equipment Crd hrs: 3.

Subcourse: IT0350

Title: AC Theory-Related Mathematics and the Generation of a Sine Wave.

Description: Teaches the concept of analyzing AC circuits. CMF: 33. Crd hrs: 3.

Subcourse: IT0351

Title: Capacitance.

Description: Basic units of measurement, terms, and factors applicable to capacitors; solving problems related to working voltage, applied voltage, quantity of charge, RC time constant, and voltage across capacitors and resistors in an RC circuit. Crd hrs: 4.

Subcourse: IT0353

Title: Inductance.

Description: Basic theory of inductance, the relationship between current in a conductor and its associated magnetic field, Lenz's Law, and mutual inductance. CMF: 33. Crd hrs: 4.

Subcourse: IT0421

Title: Intelligence and Electronic Warfare Operations.

Description: Explains the Combat Electronic Warfare Intelligence concept and organization, explains the Intelligence Electronic Warfare (IEW) systems at corps level and below, identifies the commander's intelligence requirements, and discusses IEW operations and how collection management is affected in support of the commanders at corps level and below. MOS: 96B; AOC: 35A. Crd hrs: 6.

Subcourse: IT0423

Title: Intelligence Officer Responsibilities.

Description: Covers the aspects of intelligence needed to be an effective intelligence officer. Crd hrs: 6.

Subcourse: IT0425

Title: Introduction to Battlefield Technical Intelligence.

Description: Battlefield technical intelligence (TECHINT) as it applies to Military Intelligence. Instructions on TECHINT definitions, mission, organization, responsibilities, and operations of TECHINT elements. Crd hrs: 6.

Subcourse: IT0426

Title: Weather Support to Tactical Operations.

Description: Effects of weather on tactical operations. Sources of weather information; weather terminology; weather products; key players, to include the intelligence officer, involved with weather; and how weather is incorporated into the intelligence preparation of the battlefield. Crd hrs: 4.

Subcourse: IT0427

Title: U.S. National Intelligence Structure.

Description: History and current organization of the national intelligence involved in control and oversight of the intelligence community. Intelligence roles fulfilled by the Central Intelligence Agency, Defense Intelligence Agency, the National Security Agency, and the Defense, State, Treasury, Justice, and Energy Departments. Crd hrs: 4.

Subcourse: IT0431

Title: RC MIOAC, Part I.

Description: Basic procedures for directing a unit's information and personnel security programs, intelligence and security training, and

Table 3–15
Intelligence subcourses (IT)—Continued

language skills sustainment training; information and procedures required to conduct intelligence liaison; prerequisite knowledge necessary for supervising the counterintelligence Analysis Section in support of the commander's force protection plans and programs. Crd hrs: 8.

Subcourse: IT0432

Title: RC MIOAC, Part II.

Description: Basic procedures for directing collection management and the intelligence preparation of the battlefield process. Describes how the close combat-heavy brigade fights, the intelligence support role, how intelligence facilitates the Command Estimate Process, how to develop an intelligence and electronic warfare (IEW) scheme of maneuver, and the IEW structure at division level. No individual subcourse enrollment. Crd hrs: 14.

Subcourse: IT0433

Title: RC MIOAC, Part III.

Description: Basic procedures for directing intelligence and electronic warfare (IEW) asset management and the development of reconnaissance and surveillance plans at battalion and brigade. Describes how to plan the employment of IEW assets and conduct IEW support element operations. Also describes how to direct the processing and disseminating phases of the intelligence cycle and how to produce finished intelligence products from all-source information. No individual subcourse enrollment. Crd hrs: 8.

Subcourse: IT0458

Title: Introduction to Imagery Analysis.

Description: Describes the composition of military intelligence organizations and their functions and basic imagery analysis procedures, techniques, and reports used by imagery analysts. MOS: 96D. Crd hrs: 8.

Subcourse: IT0462

Title: Intelligence Preparation of the Battlefield.

Description: Instructions on the intelligence preparation of the battlefield (IPB) concept of war, threat evaluation, areas of both operation and interest, weather and terrain analysis, threat integration, and the preparation and utilization of IPB products to include situation, event, and decision support templates. Crd hrs: 12.

Subcourse: IT0464

Title: Operations Security.

Description: Basic procedures for implementing the U.S. Army's Operations Security (OPSEC) Program; instructions on the OPSEC planning sequence; why OPSEC must be practiced by all members of the Army to include Department of the Army civilians and contractors; and how the success or failure of OPSEC directly influences the accomplishment of the unit's mission. Crd hrs: 5.

Subcourse: IT0466

Title: Military Intelligence Law.

Description: Provides a working knowledge of the legal restrictions placed on the collection of intelligence by AR 381–10 and other applicable laws and regulations. Crd hrs: 6.

Subcourse: IT0468

Title: Intelligence in Combating Terrorism.

Description: Instructions on identifying the terrorist threat, problems surrounding international terrorism, and the role of intelligence in countering the terrorist threat. MOS: 97B/E. Crd hrs: 4.

Subcourse: IT0469

Title: U.S. Army Doctrine, Combat Units, and MI Organizations.

Description: Overview of the challenges of the U.S. Army and Army doctrine, Army combat units, and military intelligence (MI) organizations. Crd hrs: 6.

Subcourse: IT0471

Title: Third World Countries.

Description: Discusses the armed forces of each of the subject countries: their mission, organization, and composition. Identifies most of the major weaponry and equipment used by the armed forces of each country. Describes Soviet aid to these countries, as well as aid from other communist countries. Crd hrs: 12.

Subcourse: IT0478

Title: Intelligence Support of Division Operations.

Description: Basic procedures on the role of the G2 in division operations, the intelligence assets and organizations available to support the division, tasking the organizations for combat within the division, and plans for using electronic warfare assets. Crd hrs: 8.

Subcourse: IT0480

Title: Intelligence in Support of Internal Defense Operations.

Description: Explains the role of intelligence in support of internal defense operations including tactical intelligence planning, counterintelligence, and combat surveillance support in the conduct of internal defense operations. Crd hrs: 6.

Table 3–15
Intelligence subcourses (IT)—Continued

Subcourse: IT0502

Title: Maintain Radar Set AN/PPS–5 (Series).

Description: Teaches how to maintain the AN/PPS–5 (series) radar set; service and charge the battery assembly BB–643/PPS–5; and service battery charger PP–4127/U. MOS: 96R. Crd hrs: 6.

Subcourse: IT0503

Title: Tactical Operations and Planning.

Description: How to perform surveillance area evaluation, potential target evaluation, and surveillance asset selection. Crd hrs: 3.

Subcourse: IT0504

Title: Tactical Planning and Ground Surveillance Radar Employment.

Description: Provides material on tactical ground surveillance radar (GSR) use and planning a GSR mission. Suggested supplemental reading: IT0503. MOS: 96R. Crd hrs: 2.

Subcourse: IT0505

Title: Prepare Equipment Destruction Plan.

Description: How to prepare an equipment destruction plan to deny the enemy usage. Crd hrs: 1.

Subcourse: IT0506

Title: Prepare Radar Site.

Description: Provides the MOS 96R1 Ground Surveillance Systems Operator with the aspects of correct radar site preparation and vehicle camouflage procedures. MOS: 96R. Crd hrs: 2.

Subcourse: IT0507

Title: Prepare Surveillance Card and Plotter.

Description: Correct preparation of surveillance card and plotter. MOS: 96R. Crd hrs: 3.

Subcourse: IT0508

Title: AN/PPS–5 (SERIES) Radar Set: Operator Adjustments.

Description: How to correctly perform operator adjustments on the AN/PPS–5 (SERIES) radar set. You must have access to the equipment to complete the subcourse. Suggested supplemental reading: IT0523. Crd hrs: 3.

Subcourse: IT0509

Title: Coordinate Radar Team Employment, Logistical Support, and Site Selection.

Description: Provides coordination guidelines for proper radar team employment, logistical support, and radar site selection. Suggested supplemental reading: IT0503, IT0504, and IT0506. Crd hrs: 3.

Subcourse: IT0510

Title: Introduction to REMBASS.

Description: General aspects of the remotely monitored battlefield sensor system (REMBASS). Instruction on the concept, management, capabilities, and limitations and instruction on the different pieces of REMBASS equipment. MOS: 96R. Crd hrs: 3.

Subcourse: IT0511

Title: REMBASS Sketch Map, Sensor Data Analysis, Records and Reports.

Description: Instructions on preparing a sensor sketch map, sensor operator data record, performing manual monitoring, analyzing sensor data, and preparing the sensor activation spot report. Crd hrs: 3.

Subcourse: IT0513

Title: Electronic Counter-Counter Measures (ECCM).

Description: The operation of the AN/PPS–5 (series) radar set through ECCM, interference recognition, deception and jamming operations, frequency changes, and reporting radar electronic countermeasures activity. Suggested supplemental reading: IT0503 and IT0504. Crd hrs: 2.

Subcourse: IT0514

Title: REMBASS Sensor, Anti-Intrusion DT–561/GSQ, DT–562/GSQ, DT–565/GSQ.

Description: Sensor characteristics, preparing the sensors for operation, implanting the sensors, and recovering the sensors. Crd hrs: 4.

Subcourse: IT0515

Title: Ground Surveillance Plan.

Description: Formulation and implementation of a viable ground surveillance plan to enable successful mission accomplishment. Crd hrs: 3.

Subcourse: IT0523

Title: Install, Operate, and Disassemble Radar Set AN/PPS–5 (SERIES).

Description: Information on the installation, operation, and disassembly of the AN/PPS–5 (SERIES) Radar Set. MOS: 96R. Crd hrs: 3.

Table 3–15
Intelligence subcourses (IT)—Continued

Subcourse: IT0524

Title: Initial Activation, Charging, Testing, and Maintaining the BB 643/PPS–5 Battery Assembly.

Description: Information on storing and filling the BB–622/U battery and charging and servicing the BB–643/PPS–5 battery assembly. Crd hrs: 2.

Subcourse: IT0525

Title: AN/PPS–5 (SERIES): Target Detection.

Description: Information and training material for the ground surveillance systems operator to successfully detect targets. How to locate moving targets by monitoring single point of interest, with and without control-indicator, and using designated sector search with and without control-indicator. MOS: 96R. Crd hrs: 2.

Subcourse: IT0527

Title: The AN/PPS–15A(V)1 Radar Set.

Description: Provides the ground surveillance systems operator training material on the AN/PPS–15A(V)1 Radar Set. Supplemental reading suggested: IT0503, IT0504, IT0506, and IT0507. MOS: 96R. Crd hrs: 6.

Subcourse: IT0550

Title: Introduction to the Intelligence Analyst.

Description: Introduces the duties, capabilities, and responsibilities of an intelligence analyst. MOS: 96B. Crd hrs: 6.

Subcourse: IT0552

Title: Use of Intelligence Products.

Description: Provides the intelligence analyst with a working knowledge of the preparation-in draft or final form of intelligence reports, studies, orders, and other intelligence products. Also, the procedures used to ensure timely and proper dissemination of critical and perishable intelligence information. MOS: 96B. Crd hrs: 8.

Subcourse: IT0553

Title: Determine Requirements for Maps.

Description: How to identify, determine, and order the number of required maps by scale, for complete area coverage and appropriate distribution. MOS: 96B. Crd hrs: 2.

Subcourse: IT0557

Title: Target Development.

Description: Instructions on the targeting process described by the DECIDE, DETECT, and DELIVER functions, targeting personnel and responsibilities, functions of the targeting process, and targeting at division, brigade, and task force levels. MOS: 96B. Crd hrs: 4.

Subcourse: IT0559

Title: Perform and Supervise Duties and Functions in the Intelligence Center.

Description: How to conduct intelligence operations in the intelligence center. Describes duty schedules, how information is processed and disseminated and other duties to be performed to ensure mission accomplishment. Crd hrs: 8.

Subcourse: IT0560

Title: The Collection Effort.

Description: Provides information on the collection plan in relation to the intelligence cycle. Instructions on how to supervise the collection effort. Crd hrs: 8.

Subcourse: IT0565

Title: Preparation of the Intelligence Estimate.

Description: Fundamentals of preparing an intelligence estimate. Includes the format for the intelligence estimate, mission, area of operations, enemy situation, enemy capabilities, and the conclusion. MOS: 96B. Crd hrs: 6.

Subcourse: IT0566

Title: Prepare Analysis of the Battlefield Area.

Description: Fundamentals of preparing the analysis of the battlefield area. Includes the format for the analysis, purpose and limiting considerations, general description, military aspects, and effects of the characteristics of the area. MOS: 96B. Crd hrs: 8.

Subcourse: IT0583

Title: Strategic Intelligence.

Description: How to compile information on the country of concern from all sources; research materials to isolate any information of strategic value; prepare strategic intelligence reports, summaries, assessments, and reviews for dissemination; identify gaps in holdings. Crd hrs: 10.

Subcourse: IT0588

Title: Prepare and Maintain Intelligence Situation Map and Associated Overlays.

Description: Contains instructions on how to prepare and maintain an intelligence situation map (SITMAP), plot symbology on an

Table 3–15
Intelligence subcourses (IT)—Continued

intelligence SITMAP overlay, describe various intelligence reports, and plot intelligence information from intelligence reports on a SITMAP overlay. Crd hrs: 10.

Subcourse: IT0590

Title: Prepare Intelligence Documents for Dissemination.

Description: How to prepare, edit, proofread, and affix appropriate classification and downgrading/declassification markings to documents for dissemination in support of mission requirements. How to determine correct classification and downgrading markings, extract information from all sources, and draft intelligence reports and studies for dissemination. MOS: 96B. Crd hrs: 3.

Subcourse: IT0596

Title: Terminate an Interrogation.

Description: How to determine when it is necessary to terminate an interrogation and how to terminate the interrogation completely and correctly. MOS: 97E. Crd hrs: 2.

Subcourse: IT0597

Title: Captured Document Handling.

Description: How to properly process and exploit captured enemy documents including accounting for, screening, translating, evacuating procedures for, and disposition of documents captured with a prisoner. (Non–MOS personnel should complete IT0600 and IT0606 before taking this subcourse.) MOS: 97E. Crd hrs: 3.

Subcourse: IT0598

Title: Use of Interpreters.

Description: How to properly select, brief, and evaluate an interpreter when used during an interrogation. Suggested supplemental reading: IT0597, IT0599, and IT0602. Crd hrs: 3.

Subcourse: IT0599

Title: Approaches.

Description: Teaches the interrogator how to 'break' the enemy prisoner of war (EPW) by using the proper approach techniques. Suggested supplemental reading: IT0596, IT0597, IT0602, and IT0604. Crd hrs: 4.

Subcourse: IT0600

Title: Supervise Interrogation, Interpretation, and Translation Operations.

Description: Teaches the necessary skills to supervise interrogation, interpretation, and translation operations. (Non–MOS personnel should complete IT0606 before taking this subcourse.) MOS: 97E. Crd hrs: 3.

Subcourse: IT0601

Title: Questioning Techniques.

Description: Proper use of questioning techniques during an interrogation in order to gain the maximum amount of enemy prisoner of war (EPW)/detainee information in the minimum amount of time. How to effectively lead the EPW/detainee through his memory to obtain enemy dispositions. (Non-MOS personnel should complete IT0606 before taking this subcourse.) MOS: 97E. Crd hrs: 2.

Subcourse: IT0602

Title: Interrogation Plan Preparation.

Description: Enables the interrogator to prepare a complete and viable interrogation plan by extracting and recording pertinent enemy prisoner of war information and knowledgeability to answer collection requirements. Crd hrs: 3.

Subcourse: IT0603

Title: Tactical Interrogation Reports.

Description: How to prepare three reports important to the interrogation process: tactical interrogation, translation, and spot. MOS: 97E. (Prerequisites for non-MOS personnel: IT0597 and IT0601.) Crd hrs: 3.

Subcourse: IT0604

Title: Screening Operations.

Description: Using an interrogation element's overall objective statement, collecting information for screening preparation, screening questioning, and assigning enemy prisoner of war/civilian detainees screening categories. MOS: 97E. Crd hrs: 4.

Subcourse: IT0606

Title: Interrogation Operations.

Description: Interrogator duties and functions, the interrogator's place in the overall intelligence collection effort, and interrogator capabilities and limitations. Crd hrs: 3.

Subcourse: IT0619

Title: Operate and Maintain the AN/AKT–18B Transmitting Set.

Description: Basic procedures for operating and maintaining the AN/AKT–18B transmitting set. Crd hrs: 2.

Table 3–15
Intelligence subcourses (IT)—Continued

Subcourse: IT0620

Title: Operate the AN/ASN–86 Inertial Navigation System.

Description: Basic components and functions, pre-operational programming, and in-flight operation of the AN/ASN–86 inertial navigation system. Crd hrs: 3.

Subcourse: IT0622

Title: OV–1D Aircraft Training, Records, and Personnel.

Description: Covers OV–1D aircraft standardization training, the Army Maintenance Management System forms, and managing aerial intelligence personnel. MOS: 96H. Crd hrs: 2.

Subcourse: IT0626

Title: Data Terminal Employment Considerations.

Description: Basic procedures for selecting and supporting data terminal operation. Crd hrs: 1.

Subcourse: IT0628

Title: Aerial Visual Reconnaissance and Photo Techniques.

Description: Basic procedures and techniques for planning a visual/photographic mission; preparing a KS–113A/KA–60C camera system for use; performing operational checks and run-up procedures; performing preventive maintenance, checks, and services of the KA–113A/KA–60C camera systems; and identifying terrain and target features by aerial observation. MOS: 96H. Crd hrs: 9.

Subcourse: IT0637

Title: Selecting Entry Zones on Aerial Imagery.

Description: Instructions on selecting drop zones, helicopter landing zones, potential airplane landing zones, and beach/amphibious landing areas. MOS: 96D. Crd hrs: 5.

Subcourse: IT0638

Title: Identify Engineer and Decontamination Equipment on Aerial Imagery.

Description: Basic procedures for the identification of engineer and decontamination equipment on aerial imagery using basic imagery principles and techniques. Descriptions and characteristics of types of mine laying, mine detection, and mine clearing equipment, and construction and decontamination equipment. Crd hrs: 6.

Subcourse: IT0639

Title: Uncontrolled Mosaics.

Description: How to construct an uncontrolled mosaic with photomap data. MOS: 96D. Crd hrs: 2.

Subcourse: IT0640

Title: Imagery Titling Data.

Description: Basic procedures for reading various types of titling data on aerial imagery. How to read alphanumeric titling data in written and instrument formats and code-matrix data blocks. MOS: 96D. Crd hrs: 2.

Subcourse: IT0641

Title: Prepare Airfield Analysis Reports.

Description: Basic procedures for preparing airfield imagery analysis reports. Crd hrs: 2.

Subcourse: IT0642

Title: Perform Railway Analysis.

Description: How to analyze railways. MOS: 96D. Crd hrs: 3.

Subcourse: IT0643

Title: Imagery Interpretation Keys.

Description: How to describe image characteristics and specific imagery interpretation (II) keys, select and construct II keys. MOS: 96D. Crd hrs: 2.

Subcourse: IT0644

Title: Vertical Photogrammetry and Imagery Coverage of an Area.

Description: Instructions on how to determine linear or vertical distance on vertical imagery and computer photo or imagery coverage of an area. MOS: 96D. Crd hrs: 3.

Subcourse: IT0645

Title: Identifying NATO Units on Aerial Imagery.

Description: Identify NATO units by size and type on aerial imagery. These techniques will help the imagery analyst (IA) to perform imagery analysis of NATO ground forces and produce order of battle information for use by intelligence analysts and commanders. Tables of organization and equipment (TOE) for other than U.S. Forces used in this subcourse are not the most current; however, by using those TOE,

Table 3–15
Intelligence subcourses (IT)—Continued

wide unclassified distribution is possible. The information in this subcourse will enable the IA to differentiate friendly units versus threat units. MOS: 96D. Crd hrs: 4.

Subcourse: IT0646

Title: Plot Vertical Aerial Photos and Master Cover Trace.

Description: Instructions on how to plot vertical aerial photos and master cover trace. MOS: 96D. Crd hrs: 3.

Subcourse: IT0648

Title: Extracting Order of Battle Information from Intelligence Reference Material.

Description: Basic procedures involved with order of battle (OB) principles and using imagery analysis reference material. Describes the intelligence cycle, OB elements, references, records, reports, files, and the Soviet field forces organization. MOS: 96D. Crd hrs: 5.

Subcourse: IT0649

Title: Detect Camouflage and Analyze Defensive Measures on Aerial Imagery.

Description: Basic procedures for detecting camouflage and analyzing defensive measures on aerial imagery. MOS: 96D. Crd hrs: 4.

Subcourse: IT0651

Title: Identify Towed Artillery on Aerial Imagery.

Description: Identify towed artillery on aerial imagery using basic imagery analysis principles and techniques. Artillery support means, descriptions, and characteristics of towed guns, howitzers, antitank guns, mortars, recoilless guns and rifles, and antiaircraft artillery. MOS: 96D. Crd hrs: 6.

Subcourse: IT0652

Title: Analyze Synthetic Aperture Radar Imagery.

Description: Principles of Synthetic Aperture Radar (SAR) theory, its deployment and exploitation of its imagery. Describe SAR principles, systems and platform capabilities and interpretation procedures and techniques. Crd hrs: 5.

Subcourse: IT0653

Title: Analyze Side-Looking Airborne Radar Imagery.

Description: Basic procedures involved with the side-looking airborne radar (SLAR) theory and the SLAR system; analyzing the moving target indicator and the fixed target indicator portions of SLAR; and preparing a SLAR imagery plot and a radar report. MOS: 96D. Crd hrs: 5.

Subcourse: IT0654

Title: Infrared Imagery.

Description: Basic infrared (IR) theory and how to interpret, analyze, and plot IR imagery. MOS: 96D. Crd hrs: 3.

Subcourse: IT0655

Title: Identify Tanks and Self-Propelled Artillery on Aerial Imagery.

Description: Basic procedures for identifying tanks, self-propelled artillery (SP Arty), self-propelled antiaircraft artillery (SP AAA), and self-propelled (SP) mortars on aerial imagery. Descriptions and characteristics of tanks, SP Arty, and SP AAA, and SP mortars and how to use the elimination process to identify them. MOS: 96D. Crd hrs: 6.

Subcourse: IT0658

Title: Tactical Imagery Interpretation Facility (TIIF).

Description: How to prepare the AN/TSO–43A/B TIIF for operation, perform maintenance on it, and destroy its contents. Normally imagery analysts (MOS 96D) are responsible for the operation of the TIIF. The TIIF is primarily used in U.S. Army Reserve units and as an overflow for imagery analysis jobs in conjunction with the Mobile Army Ground Imagery Interpretation Center. MOS: 96D. Crd hrs: 2.

Subcourse: IT0659

Title: Conduct Target Analysis and Prepare Target Folders.

Description: How to prepare and maintain target folders and conduct target analysis, bomb damage assessment, and repair studies. MOS: 96D. Crd hrs: 4.

Subcourse: IT0660

Title: Analyze Military Activities and Installations on Aerial Imagery.

Description: Instructions on how to identify military and civilian installations and a combination thereof, and how to analyze military activities and installations. MOS: 96D. Crd hrs: 3.

Subcourse: IT0661

Title: R&S Managing, Requesting, Monitoring, and Communications.

Description: Basic procedures involved with collection management, reconnaissance and surveillance (R&S requests, mission control assets, and communications. Crd hrs: 4.

Subcourse: IT0662

Title: Convert UTM/GEO Coordinates.

Table 3–15
Intelligence subcourses (IT)—Continued

Description: Instructions on how to convert Universal Transverse Mercator (UTM) coordinates to Geographic (GEO) coordinates and GEO to UTM coordinates. Crd hrs: 5.

Subcourse: IT0664

Title: ID Armored Recovery, Combat Engineer, and Armored Repair Vehicles on Aerial Imagery.

Description: Basic procedures for identifying armored recovery vehicles (ARVs), combat engineer vehicles (CEVs), and armored repair vehicles on aerial imagery. Contains descriptions and characteristics of ARVs, CEVs, and armored repair vehicles. Crd hrs: 3.

Subcourse: IT0665

Title: Brief/Debrief Aircrews.

Description: How to conduct aircrew briefings and debriefings. MOS: 96D. Crd hrs: 5.

Subcourse: IT0667

Title: Imagery Analysis Reports/Requests Preparation in USMTF Format.

Description: Preparing imagery analysis reports and requests using the U.S. Message Text Format, which are based on the Joint Interoperability of Tactical Command and Control System (JINTACCS). Crd hrs: 15.

Subcourse: IT0669

Title: ID Tracked Prime Movers and Armored Personnel Carriers on Aerial Imagery.

Description: Contains descriptions and characteristics of tracked prime movers, over snow carriers, and armored personnel carriers and instructions on how to use the elimination process in identifying them. Crd hrs: 7.

Subcourse: IT0670

Title: Identify Tactical Trucks on Aerial Imagery.

Description: Basic procedures for identifying tactical trucks on aerial imagery using the elimination process. MOS: 96D. Crd hrs: 7.

Subcourse: IT0671

Title: Route, Area, and Point Overlays.

Description: Instructions on how to prepare route, area, and point overlays. MOS: 96D. Crd hrs: 1.

Subcourse: IT0672

Title: Analyze Industries in General and Extraction Industries on Aerial Imagery.

Description: Basic procedures for identifying industries in general and analyzing extraction industries. Crd hrs: 2.

Subcourse: IT0673

Title: Analyze Processing Industries on Aerial Imagery.

Description: Basic procedures for identifying and analyzing processing industries. Crd hrs: 6.

Subcourse: IT0674

Title: Analyze Fabrication Industries on Aerial Imagery.

Description: Instructions on how to analyze fabrication industries on aerial imagery. MOS: 96D. Crd hrs: 3.

Subcourse: IT0675

Title: Analyze Electrical Power Industries on Aerial Imagery.

Description: Basic procedures for identifying electrical power industries in general, using a dichotomous key, and analyzing these industries on aerial imagery. Crd hrs: 5.

Subcourse: IT0676

Title: Identify Electronic Equipment on Aerial Imagery.

Description: Contains communication and non-communication terms, military application of communication and non-communication systems, electronic equipment and functions, and electronic warfare specific areas. Also includes a section on imagery analyst reporting. MOS: 96D. Crd hrs: 8.

Subcourse: IT0677

Title: Coordination with Reconnaissance and Surveillance Agencies and Requesters.

Description: How to coordinate reconnaissance and surveillance requests, reports, and specific information, asset availability, and sources of information. Crd hrs: 6.

Subcourse: IT0678

Title: Receive, Evaluate, and Disseminate Imagery Intelligence (IMINT) Mission Results.

Description: Basic procedures involved with the receipt, evaluation, and dissemination of intelligence information and reports products. Instruction on how to receive, log, and determine internal distribution of these reports and products; how to evaluate the reports and how to disseminate them; and how to estimate enemy courses of action. Crd hrs: 8.

Subcourse: IT0680

Table 3–15
Intelligence subcourses (IT)—Continued

Title: Identify River Crossing Equipment on Aerial Imagery.

Description: How to identify river crossing equipment using the elimination process; included are mechanized floating and nonfloating bridges, portable bridges and roadways, power boats, and amphibious vehicles. MOS: 96D. Crd hrs: 8.

Subcourse: IT0682

Title: Identify Rocket Launchers and Guided Missiles on Aerial Imagery.

Description: Basic procedures on identifying rocket launchers and guided missiles on aerial imagery using the elimination process. MOS: 96D. Crd hrs: 6.

Subcourse: IT0685

Title: Analyze Ports, Harbors, Inland Waterways, and Vessels on Aerial Imagery.

Description: Contains descriptions of ports, harbors, inland waterways, and naval and merchant vessels. MOS: 96D. Crd hrs: 7.

Subcourse: IT0687

Title: Imagery Analysis Reports in STANAG Format.

Description: Basic procedures for preparing imagery intelligence (IMINT) reports in Standardization Agreement (STANAG) and automated data processing system (ADPS) formats. Describes STANAG and ADPS reports and how to prepare them. MOS: 96D. Crd hrs: 8.

Subcourse: IT0688

Title: Identify Aircraft on Aerial Imagery.

Description: Basic procedures for identifying fixed and swing aircraft on aerial imagery. Contains descriptions and characteristics of aircraft and basic aircraft identification terminology and procedures. MOS: 96D. Crd hrs: 10.

Subcourse: IT0689

Title: Identify Helicopters on Aerial Imagery.

Description: Basic procedures for identifying helicopters using basic imagery and analysis principles and techniques. Contains photos, characteristics, and line drawings of types of helicopters. MOS: 96D. Crd hrs: 5.

Subcourse: IT0696

Title: Introduction to the Limited Procurement Urgent (LPU) System.

Description: Brief description and history of the LPU system and basic procedures for preparing the LPU system before, during, and after deployment. Crd hrs: 8.

Subcourse: IT0697

Title: Operating the Limited Procurement Urgent (LPU) System.

Description: How to initialize the LPU, operate the communications equipment, perform pre- and post-mission activities, create graphics, and read, write, and send messages. Also includes instruction on target development, intelligence preparation of the battlefield, route and terrain analysis and offset, Tactical Fire Direction System/Advance Field Artillery Data Systems, tasking, and imagery display concepts. Crd hrs: 8.

Subcourse: IT0735

Title: Counterintelligence Investigations.

Description: Teaches the counterintelligence (CI) Special Agent the rationale and doctrine concerning the authority, jurisdiction, and scope for initiating all CI cases; the proper procedures for the conduct of selected CI investigations; and the recommended techniques for the handling of physical evidence. MOS: 97B. Crd hrs: 6.

Subcourse: IT0743

Title: Counterintelligence Investigative Interviews I.

Description: Basic procedures for the proper conduct of personnel security investigations to include determining all lead sheet requirements; administering both the Privacy Act and Freedom of Information Act advisements; executing a Right Warning Statement for those who incriminate themselves; and preparing properly formatted agent reports. MOS: 97B. Crd hrs: 5.

Subcourse: IT0749

Title: Records Checks.

Description: Basic procedures involved with the conduct of a records check at the local, regional, and national level. Instruction on how to plan, conduct, and prepare properly formatted reports for a records check. MOS: 97B. Crd hrs: 2.

Subcourse: IT0753

Title: Counterintelligence Investigative Reports.

Description: Instructions on the use of the Investigative Memorandum for Record and the Report of Investigation. MOS: 97B. Crd hrs: 6.

Subcourse: IT0759

Title: Counterintelligence Interviews III.

Table 3–15
Intelligence subcourses (IT)—Continued

Description: Provides information needed to interview, obtain a sworn statement, and report results of the interview of a walk-in or witness of interest. Also covers interrogation techniques, obtaining a sworn statement, and reporting the interrogation of a subject. Crd hrs: 4.

Subcourse: IT0763

Title: Legal Aspects of COMSEC Monitoring and Monitoring Equipment.

Description: Provides knowledge required to understand the legal basis for communication security (COMSEC) monitoring and the restrictions placed on monitoring and eavesdropping activities. Describes the equipment used in COMSEC monitoring. MOS: 97B. Crd hrs: 4.

Subcourse: IT0771

Title: Security Services: CI/OPSEC Plan.

Description: Basic procedures on the proper conduct of an operations security (OPSEC) survey. Provide assistance to support commands in the development of an OPSEC plan, and provide special assistance for the U.S. Army Nuclear Surety Program and for Special Weapons Units. MOS: 97B. Crd hrs: 4.

Subcourse: IT0772

Title: Computer Security.

Description: Basic procedures for protecting computers and the information processed on them. Instruction on the fundamental theory underlying computer security, the accreditation process, and the implementation of computer security countermeasures. Crd hrs: 7.

Subcourse: IT0776

Title: Counterintelligence Interviews II.

Description: How to plan, prepare, and conduct a U.S. Army suspect interview and subsequent Investigation Memorandum for the Record, sworn statement, administrative forms, and applicable exhibits based on results of the interview. Crd hrs: 4.

Subcourse: IT0777

Title: Counterintelligence Liaison Activities.

Description: Instructions on liaison priorities, establishing liaison, and preparing liaison contact reports. MOS: 97B. Crd hrs: 4.

Subcourse: IT0840

Title: Counter-Signals Intelligence (C–SIGINT) Operations.

Description: Provides information on the commanders and military intelligence personnel responsibilities to know and understand how the C–SIGINT concept is applied and its relationship with counterintelligence on the modern battlefield. Also includes terminology as it relates to operations security, signal security, essential elements of friendly information, and C–SIGINT. MOS: 97G. Crd hrs: 2.

Subcourse: IT0841

Title: C–SIGINT Vulnerability Assessment.

Description: Radio wave propagation and theory, compiling friendly communications-electronics characteristics, determine friendly forces profile, identifying susceptibilities, determine indicators of the friendly courses of action, and ranking vulnerabilities. (Prerequisite for non-MOS personnel: IT0840.) Crd hrs: 4.

Subcourse: IT0842

Title: Threat Assessment.

Description: Provides information for the C–SIGINT specialist to perform threat assessment for the supported command. Crd hrs: 2.

Subcourse: IT0843

Title: Countermeasures Development.

Description: Basic procedures which must be implemented in order to develop countermeasures. Contains six lessons which are directly related to the six steps in the countermeasures development process. Countermeasures development is the third of the four-step cyclic C–SIGINT process. (Prerequisites for non-MOS 97G personnel: IT0840 and IT0841.) Crd hrs: 3.

Subcourse: IT0844

Title: Data Base Development.

Description: Basic procedures for C–SIGINT data base development. Contains instructions on the types of fields required in the C–SIGINT data base and how to set it up in a manual mode. The developer is responsible, when converting to an automated data base, to use the same fields, techniques, and information. Suggested supplemental reading: IT0843 and IS3005. Crd hrs: 2.

Table 3–16
The Judge Advocate General subcourses (JA)

Subcourse: JA0002

Title: Professional Responsibility.

Description: Familiarizes officers with the standards of conduct pertaining to DA personnel, with emphasis on Reserve Components and examination of the Rules of Professional Conduct for lawyers as they have been applied in the Judge Advocate General's Corps. Crd hrs: 3.

Subcourse: JA0012

Title: Government Contracts.

Description: An introduction to fundamental aspects of Department of Defense acquisition policies and practices, including formation and type of contracts, methods of acquisition, parties, the contracting officer's team, performance, termination, and disputes resolution. Crd hrs: 6.

Subcourse: JA0020

Title: Military Legal Bibliography.

Description: Covers military administrative law, its legal basis, and primary sources of authority for military administrative decisions, as well as military legal research. Crd hrs: 3.

Subcourse: JA0021

Title: Law of Military Installations.

Description: Covers ownership of military installations; legislative jurisdiction; substantive law on military installations; the commander's authority to control installation activities; the federal magistrate court system on a military installation; nonappropriated fund activities on a military installation; restrictions on military aid to law enforcement authorities; and environmental law considerations in planning and executing activities. Crd hrs: 15.

Subcourse: JA0022

Title: Military Personnel Law and Boards of Officers.

Description: Focuses on the composition of the Army; officer appointment, promotion, and separation; enlistment and induction; and enlisted grades, reduction, and separation. Crd hrs: 6.

Subcourse: JA0023

Title: Civilian Personnel Law and Labor-Management Relations.

Description: Addresses statutory and regulatory basis for civilian personnel in the Federal service; minor personnel actions; procedures for adverse actions against civilian employees; basic principles of labor relations in the Federal service; and collective bargaining and labor contract negotiations in the Federal service. Crd hrs: 3.

Subcourse: JA0025

Title: Personnel Claims, Affirmative Claims, and Federal Tort Claims.

Description: Focuses on the Army claims program; Personnel Claims Act; Federal Medical Care Recovery Act; Federal Claims Collection Act; and Federal Tort Claims Act. Crd hrs: 6.

Subcourse: JA0026

Title: Legal Assistance.

Description: Examines the legal assistance program; Soldiers' and Sailors' Civil Relief Act; domicile and Soldiers' and Sailors' Civil Relief Act tax provisions; and survivor benefits and Survivor Benefit Plan. Crd hrs: 6.

Subcourse: JA0030

Title: Military Criminal Law for Paralegals.

Description: Provides an introduction to military criminal law for the non-lawyer, legal specialist. Also covers jurisdiction, nonjudicial punishment, courts-martial procedure, the punitive articles of the UCMJ, defenses, and other topics. This is an introductory course designed for the non-lawyer, but the student should have experience working as a legal specialist. An individual who has not worked in a military legal office may find the material too technical. Crd hrs: 6.

Subcourse: JA0036

Title: Fundamentals of Military Criminal Law and Procedures.

Description: Provides an introduction to fundamental aspects of military criminal law and procedure, including jurisdiction over the person and over the offense; nonjudicial punishment; classification of court-martial; preparation and disposition of charges; Article 32 investigation; pretrial advice; convening courts-martial; courts-martial personnel; the Article 39(a) session; arraignment, motions, and pleas; trial procedure; findings and sentences; appellate review and new trials; matters of defense; and the punitive articles. Crd hrs: 15.

Subcourse: JA0043

Title: The Law of Land Warfare.

Description: Covers basic rules and principles of the law of land warfare; commencement of hostilities; forbidden conduct with respect to persons; forbidden means of waging warfare; bombardments, assaults, sieges, and stratagems; treatment of property during combat;

Table 3–16
The Judge Advocate General subcourses (JA)—Continued

remedies for violation of international law; treatment of prisoners of war, the wounded and sick, civilian persons, and internees; information bureaus, central agencies, and relief societies. Crd hrs: 6.

Subcourse: JA0058

Title: Staff Judge Advocate Operations.

Description: Focuses on the Staff Judge Advocate and relations with the commander and staff; organization and function of a staff judge advocate section; responsibilities of the Staff Judge Advocate. Crd hrs: 9.

Subcourse: JA0112

Title: Government Contract Law.

Description: Provides an introduction to the general principles of government contract law; funding and fund limitations; contract types; contracting methods, sealed bidding, and negotiations; remedies of unsuccessful offerors; contract attorney responsibilities; contract modifications; contract termination for default; termination for convenience; inspection, acceptance, and warranties; disputes and remedies; selected labor standards; socioeconomic policies; and nonappropriated funds. Crd hrs: 12.

Subcourse: JA0121

Title: Law of Military Installations.

Description: Presents a study of the scope of command authority of military installations, addressing sources of command authority, legislative jurisdiction, substantive civil and criminal laws applicable at installations, law enforcement, and the constitutional limitations on command under the First, Fourth, and Fifth Amendments. Crd hrs: 4.

Subcourse: JA0122

Title: Legal Basis of Command: Military Aid to Law Enforcement.

Description: Examines the Posse Comitatus Act and its application; "exceptions" to the Posse Comitatus Act; consequences of violation of the act; military assistance to civil authorities authorized by statute; legal problems involved in civil disturbance operations. Crd hrs: 2.

Subcourse: JA0123

Title: Legal Basis of Command: Environmental Law.

Description: Focuses on the National Environmental Policy Act of 1969; the environmental consideration process; environmental impact statements; the Clean Air Amendments of 1970; the Federal Water Pollution Control Act Amendment of 1972; the Comprehensive Environmental Response, Compensation and Liability Act; the Resource Conservation and Recovery Act; the Toxic Substances Control Act; and federal facilities compliance requirements. Crd hrs: 4.

Subcourse: JA0124

Title: Legal Basis of Command: Nonappropriated Fund Instrumentalities.

Description: Discusses the different types of nonappropriated fund instrumentalities; their status as instrumentalities; authority to establish nonappropriated fund instrumentalities; operation and control of nonappropriated fund instrumentalities; and nonappropriated fund employees. Crd hrs: 2.

Subcourse: JAA125

Title: Law of Federal Employment.

Description: Covers employment criteria and preference; classification of service and appointment in the Federal service; employee discipline-authority and procedure; substantive reasons for removal; political activities; reductions-in-force and employee grievances; administrative and judicial review; and equal employment opportunity in the federal government. Crd hrs: 5.

Subcourse: JAB125

Title: Law of Federal Labor-Management Relations.

Description: Covers the representation process; scope of collective bargaining; impasse resolution; unfair labor practices; and grievances and arbitration. Crd hrs: 6.

Subcourse: JA0126

Title: Government Information Practices.

Description: Provides an analysis of the Freedom of Information Act, the Privacy Act, the relationship between them, and how they are implemented by the Department of the Army. Crd hrs: 5.

Subcourse: JA0127

Title: Military Personnel Law and Boards of Officers.

Description: Reviews the substantive and procedural aspects of military personnel law to include emphasis in the areas of military status, administrative separations, and military administrative remedies. Crd hrs: 2.

Subcourse: JA0128

Title: Federal Tort Claims Act.

Description: Provides an introduction to the Federal Tort Claims Act (FTCA); its jurisdictional and procedural requirements; proper claimants

Table 3–16
The Judge Advocate General subcourses (JA)—Continued

under the FTCA; the FTCA cause of action; exceptions to government liability; and individual liability of government employees. The course also includes an introduction to the Foreign Claims Act and Personnel Claims. Crd hrs: 4.

Subcourse: JA0129

Title: Legal Assistance.

Description: Presents an analysis of the organization and administration of military legal assistance programs and military aspects of the following selected substantive areas: family law; state taxation of income and property; Soldiers' and Sailors' Civil Relief Act; personal finance and consumer affairs; and estate planning and survivors' benefits. Crd hrs: 6.

Subcourse: JA0130

Title: Nonjudicial Punishment.

Description: Examines the source and extent of commander's nonjudicial punishment authority and the rights of the individual soldier who is offered nonjudicial punishment. Crd hrs: 2.

Subcourse: JA0131

Title: Court-Martial Evidence.

Description: Reviews sources of military evidentiary law, the military rules of evidence, and concepts of physical and scientific evidence as they apply to court-martial practice. Crd hrs: 3.

Subcourse: JA0132

Title: Constitutional Evidence.

Description: Examines the Fourth Amendment: searches and seizures, inspections, inventories, and the exclusionary rule; the Fifth Amendment and Article 31: theories of self-incrimination, involuntary confessions, unwarned confessions, and related procedural issues; the Sixth Amendment: eyewitness identification, confrontation, and compulsory process. Crd hrs: 6.

Subcourse: JA0133

Title: Pretrial Procedure.

Description: Covers jurisdiction, pretrial confinement, and court-martial personnel; preparation and drafting of charges and specifications; disposition of charges; Article 32 investigation and pretrial advice; and command influence and pretrial agreements. Crd hrs: 4.

Subcourse: JA0134

Title: Trial Procedure.

Description: Covers Article 39(a) sessions; challenges; arraignment; motions and pleas; former jeopardy; findings; presentencing procedure; instructions; and sentencing. Crd hrs: 4.

Subcourse: JA0135

Title: Post Trial Procedure.

Description: Discusses the rationale for the military corrections system and disposition of offenders; post-trial responsibilities and actions; appellate review under the UCMJ; extraordinary writs and their application to the military system. Crd hrs: 1.

Subcourse: JA0137

Title: Crimes and Defenses.

Description: Examines inchoate crimes, fraternization, common law crimes, offenses against military authority, absence without leave, defenses, and the law of mental responsibility. Crd hrs: 3.

Subcourse: JA0142

Title: The Law of War.

Description: Discusses the law of war in its various settings in international and internal conflicts; the evolution of this law into its modern day concept; conflict management and the role of various international organizations with respect to the use of force and intervention; the legality of tactical operations and weapons employed; and the application of the Hague and Geneva Conventions to hostilities. Crd hrs: 9.

Subcourse: JA0151

Title: Fundamentals of Military Legal Writing.

Description: Deals with drafting typical items of correspondence encountered in the military legal office. The requirements include preparing an officer evaluation report, writing a recommendation for an award, and drafting several short items of correspondence such as forwarding endorsements, information papers, memoranda, and military letters. The source materials will be provided. The student should not need to do independent research. Crd hrs: 15.

Subcourse: JAA151

Title: Fundamentals of Military Legal Writing for the Legal NCO.

Description: Deals with preparation of typical items of correspondence encountered by legal NCOs in the military legal office. The requirements include preparing a memorandum of reprimand, recommendation for an award, and an information memorandum. Source materials such as regulations and blank forms can be found at the United States Army Publications Agency (USAPA) Web site, <http://www.usapa.army.mil>. Crd hrs: 15.

Subcourse: JA0160

Table 3–16
The Judge Advocate General subcourses (JA)—Continued

Title: Professional Responsibility.

Description: Deals with the application of the Rules of Professional Conduct for Lawyers to the military lawyer. Crd hrs: 3.

Subcourse: JAE161

Title: Reports of Survey.

Description: Discusses the authority to assess pecuniary liability and the principles and procedures that are used to determine pecuniary liability. The responsibilities of the appointing authority, survey officer, approval authority, appeal authority, and judge advocate will be reviewed. Crd hrs: 3.

Subcourse: JAE162

Title: Civil Rights.

Description: Presents the basic regulations and statutes devoted to civil rights and the equal opportunity program. Crd hrs: 3.

Table 3–17
Missile and Munitions subcourses (MM)

Subcourse: MM0099

Title: Basic Mathematics.

Description: This subcourse gives the student two self-tutor texts instead of the usual subcourse lessons. It covers addition, subtraction, division, and multiplication of whole numbers; common fractions and decimal fractions; square root; metric numbers, number prefixes, and conversion; and use of formulas. CMF 35. Crd hrs: 3.

Subcourse: MM0142

Title: Introduction to the Ammunition Field.

Description: Discusses how the ammunition career field is organized from Headquarters, Department of the Army level to the theater ammunition support level. Crd hrs: 4.

Subcourse: MM0143

Title: Ammunition Publications.

Description: Subject areas include general ammunition, safety, storage, receipt and issue, logistics, accountability, transportation, and destruction reference documents. Crd hrs: 3.

Subcourse: MM0144

Title: Fundamentals of Ammunition.

Description: Teaches commissioned officers in the conventional ammunition field a basic knowledge of ammunition and explosives. Traces the development of explosives, munitions, and weapons through history. Discusses basic ballistics, explosives applications, ammunition terminology, and chemical fillers and weapons. Crd hrs: 3.

Subcourse: MM0145

Title: Identification of Ammunition.

Description: Provides background information on ammunition markings and color codes and ammunition items that may be encountered in the field. Crd hrs: 10.

Subcourse: MM0146

Title: The Ammunition Logistics System.

Description: Describes supply categories, levels of support, the role of the Single Manager for Conventional Ammunition, and the organizations responsible for ammunition logistics. Also covers the typical life cycle of an ammunition item, the ammunition production base, and the wholesale and retail ammunition supply systems. Crd hrs: 3.

Subcourse: MM0148

Title: Magazine Storage Areas.

Description: Fundamental standards of ammunition and explosive storage, including types of ammunition storage magazines, operational regulations for magazine storage, and quantity-distance terms. Crd hrs: 2.

Subcourse: MM0149

Title: Magazine Storage Area Safety.

Description: Conduct, evaluate, or update the magazine storage area (MSA) safety plan for your unit. Review or develop the MSA SOP to ensure that all safety considerations are addressed. Learn fire safety, lightning protection systems, operational safety, personnel safety, and materiel handling equipment safety. Crd hrs: 2.

Subcourse: MM0150

Title: Magazine Storage Area Quantity-Distance and Compatibility.

Table 3-17
Missile and Munitions subcourses (MM)—Continued

Description: Information and procedures required to determine the quantity-distance requirements and storage compatibility for Class V items to be stored in the magazine storage area. Crd hrs: 3.

Subcourse: MM0151

Title: Ammunition Storage Operations.

Description: Manage storage operations in the zone of interior. Determine personnel and equipment requirements, direct ammunition logistical operations and plan rewarehousing operations. Crd hrs: 5.

Subcourse: MM0152

Title: Ammunition Receipt Operations.

Description: Information required to conduct conventional ammunition receipt operations at a depot, directly from the port or at an ammunition supply point. Crd hrs: 3.

Subcourse: MM0154

Title: Ammunition Rewarehousing Operations.

Description: Teaches commissioned officers to review the basic principles of ammunition rewarehousing operations. Tells how to determine rewarehousing requirements, plan rewarehousing operations, and evaluate the results. Crd hrs: 3.

Subcourse: MM0155

Title: Perform Conventional Ammunition Issue Operations.

Description: Procedures for issuing conventional ammunition to using units. Crd hrs: 4.

Subcourse: MM0156

Title: Ammunition Shipment/Transportation Operations.

Description: Describe the different types of ammunition shipments, transportation requirements, required liaison with transportation agencies, planning requirements and the required forms used to document ammunition shipments. Crd hrs: 4.

Subcourse: MM0158

Title: Ammunition Surveillance.

Description: Purpose of the ammunition surveillance program, types of ammunition surveillance inspections, types of surveillance records and reports maintained by the technical support section of the ammunition company, and their interrelationship with Class V accountability. Crd hrs: 10.

Subcourse: MM0159

Title: Conventional Ammunition Malfunction Investigation.

Description: Responsibilities of the individuals and agencies involved in an ammunition malfunction; malfunction investigation and reporting requirements. Crd hrs: 5.

Subcourse: MM0160

Title: Ammunition Maintenance.

Description: Teaches the planning for care, preservation, and maintenance of ammunition. Care stresses protection, and is performed at the using unit, the magazine storage area (MSA) or the ammunition supply point (ASP). Preservation, which includes protection, emphasizes maintenance and is also performed at the MSA or ASP. Crd hrs: 3.

Subcourse: MM0163

Title: Ammunition Supply Point (ASP) Quantity-Distance and Compatibility.

Description: Procedures used to segregate Class V items into the correct field storage categories, then to apply the quantity-distance tables. Crd hrs: 4.

Subcourse: MM0164

Title: Ammunition Supply Point (ASP) Site Selection.

Description: Basic information needed to select an ASP site. Guidance on safety, site selecting and the initial development and layout of a combat storage activity (an ASP or a corps storage area). Crd hrs: 5.

Subcourse: MM0165

Title: Emergency Destruction of Conventional Ammunition.

Description: How to conduct an emergency destruction of conventional ammunition at a storage facility and develop an SOP to support this mission. Crd hrs: 8.

Subcourse: MM0166

Title: Establish Conventional Ammunition Storage Sites.

Description: Provides commissioned officers with the criteria for selecting an ammunition storage site. Includes site location criteria, types of storage systems, development of an area layout plan, field storage quantity-distance, and compatibility category. Crd hrs: 3.

Subcourse: MM0167

Table 3–17
Missile and Munitions subcourses (MM)—Continued

Title: Conventional Ammunition Malfunction Investigating and Reporting.

Description: Basic knowledge needed to obtain the necessary information from a using unit where an ammunition malfunction was corrected, to conduct the preliminary investigation, to prepare preliminary reports, and to take follow-up action. Crd hrs: 5.

Subcourse: MM0168

Title: Evaluate Conventional Ammunition Storage Operations, Part I.

Description: How to evaluate ammunition storage operations. Crd hrs: 10.

Subcourse: MM0169

Title: Evaluate Conventional Ammunition Storage Operations, Part II.

Description: Procedures for evaluating ammunition storage safety; how to plan rewarehousing operations including personnel, equipment, and logistical management. Crd hrs: 6.

Subcourse: MM0170

Title: Evaluate Conventional Ammunition Storage Operations, Part III.

Description: Routine disposal operations and emergency destruction to prevent enemy capture; ammunition inspection requirement, records, and reports; physical security planning and implementation. Crd hrs: 10.

Subcourse: MM0171

Title: Evaluate Conventional Ammunition Storage Operations, Part IV.

Description: Basic procedures involved with selecting and using the appropriate storage and outloading drawings, planning ammunition maintenance, and preparing a storage space management report. Crd hrs: 8.

Subcourse: MM0175

Title: Manage Conventional Ammunition at Group and Battalion Levels.

Description: Basic ammunition support structure of the U.S. Army. How the host nation may be used to support the ammunition support mission and how units within the support structure communicate with each other. Crd hrs: 6.

Subcourse: MM0176

Title: Evaluate Conventional Ammunition Shipping and Issuing Operations.

Description: How to prepare ammunition for shipment to another storage facility and how to issue ammunition to a using unit. Crd hrs: 6.

Subcourse: MM0308

Title: Introduction to Electricity.

Description: Electron theory; current flow and magnetic fields; Ohm's Law; electrical power; magnetism; generation of AC power, effects of resistance, capacitors and inductance on AC power, impedance, characteristics of tuned circuits and resonance. CMF 35, 918. Crd hrs: 6.

Subcourse: MM0309

Title: Introduction to Electronics.

Description: Principles and application of electron tubes and solid-state devices; the description of basic electronic components and circuits; principles of modulation; AM, SSB and FM radio systems; wave propagation, antennas and transmission lines; the application and use of transmission lines; the application and use of various types of diagrams used in electronics. CMF 35, 918. Crd hrs: 10.

Subcourse: MM0311 (Proponent: Combined Arms Support Command)

Title: Electron Tubes.

Description: Construction and classification of electron tubes; basic theory and operation of the diode, triode and multi-element tubes; constants used in comparison of electron tubes; and fundamental tube tester theory. MOS: 35E. Crd hrs: 10.

Subcourse: MM0320

Title: Communications Fundamentals.

Description: Communications fundamentals including telephone, radio, telegraph and carrier; basic communications systems; principles of wire, radio and carrier systems; information transfer process in communications. CMF 35, 918. Crd hrs: 5.

Subcourse: MM0321

Title: AM Radio Transmitters.

Description: Radio communications systems; frequencies used; components of radio systems; block diagrams of simple and multiple transmitters; radio frequency amplifiers; keying methods; analysis of AM transmitters; interstage coupling, analysis of block and schematic diagrams of radio transmitters; transmitter troubleshooting. CMF 35, 918. Crd hrs: 9.

Subcourse: MM0322

Title: AM Radio Receivers.

Description: Fundamentals of amplitude-modulated radio receivers including: reception of radio waves; block diagrams of radio receivers; selectivity and sensitivity of radio frequency and IF amplifiers; frequency conversion by heterodyning; automatic volume control; detection of

Table 3-17
Missile and Munitions subcourses (MM)—Continued

modulated and unmodulated waves; circuit analysis of AM superheterodyne receivers; comparison of electron tube and transistor circuitry; tuning indicators; continuous wave detection; troubleshooting AM receivers. CMF 35, 918. Crd hrs: 10.

Subcourse: MM0323

Title: FM Radio Transmitters.

Description: Principles of frequency modulation; methods of producing frequency modulation; basic FM transmitter circuits to include reactance-tube modulators; phase modulators, frequency multipliers and automatic frequency control circuits. CMF 35, 918. Crd hrs: 10.

Subcourse: MM0324

Title: FM Radio Receivers.

Description: Basic FM receiver circuits including wideband amplifiers, limiters, discriminators and ratio detector circuits; familiarization with typical FM equipment in military use. CMF 35, 918. Crd hrs: 10.

Subcourse: MM0327

Title: Frequency Synthesis.

Description: Frequency stability in communications systems; methods of synthesizing and stabilizing frequencies; principles of direct and indirect synthesizers; simplified block diagram analysis of frequency synthesizers. CMF 35, 918. Crd hrs: 5.

Subcourse: MM0396

Title: Troubleshoot/Repair AN/UXC-7 at Unit Level.

Description: Provides the knowledge, skills, and abilities necessary for performing tasks related to troubleshooting the AN/UXC-7. MOS: 35J. Crd hrs: 8.

Subcourse: MM0398

Title: Install and Operate Lightweight Digital Facsimile AN/UXC-7.

Description: Provides the knowledge and skills necessary for performing the installation, self-test, and PMCS of the LDF AN/UXC-7. MOS: 35J. Crd hrs: 8.

Subcourse: MM0410

Title: Local-Battery Telephone Principles.

Description: How sound is transmitted over wire lines, the nature of sound, characteristics of speech and the means of electrically reproducing and transmitting speech, functions of the components of the telephone, installation, operation, and maintenance of local-battery telephones. MOS: 35N. Crd hrs: 12.

Subcourse: MM0426

Title: Troubleshooting and Final Testing of the TA-236/FT Telephone Set.

Description: How to identify components and schematic circuit components and circuitry of the TA-236/FT Telephone Set; troubleshooting and final testing of the TA-236/FT Telephone Set. You must have access to this equipment to complete this subcourse. MOS: 35N. Crd hrs: 2.

Subcourse: MM0440

Title: Calibration Operations.

Description: Army calibration system to include the scope of calibration, Army calibration laboratories, transfer team operations, van operations, error analysis, cross checks, and standard repair. MOS: 35H, 918. Crd hrs: 18.

Subcourse: MM0455

Title: Potentiometric Meters.

Description: Introduction to potentiometric meters, differential voltmeter and digital voltmeter. MOS: 35H, 918. Crd hrs: 4.

Subcourse: MM0456

Title: DCLF Thermal Measurements.

Description: Describes and identifies the theory of a thermocouple used in the application of DC Low Frequency (DCLF) thermal measurements, teaches the function and operation of each thermal transfer/reference standard, and theoretically troubleshoots the 1600A thermal reference standards. MOS: 35H, 918. Crd hrs: 5.

Subcourse: MM0462

Title: Model 5345A Frequency Time Measurement System.

Description: Electronic counter fundamentals; operation, applications, block diagram, signal flow and circuit analysis of the 5345A counter, 5257A transfer oscillator and 5261A video amplifier. MOS: 35H. Crd hrs: 14.

Subcourse: MM0474

Title: Power Measurements.

Description: Introduction to microwave power measurements, power measurement equipment—part 1 (bolometers, power meters, and

Table 3–17
Missile and Munitions subcourses (MM)—Continued

thermistor mounts), power measurement equipment—part 2 (power meter calibrator and power meter calibration), power measurement equipment—part 3 (power standards set and the NBS II power bridge), power measurement techniques. MOS: 35H, 918. Crd hrs: 13.

Subcourse: MM0478

Title: Dimensional Measurements.

Description: Gage block materials, construction, use and care, selection and application; optical flat construction and application; micrometer construction and applications, calibration of gage blocks. MOS: 35H, 918. Crd hrs: 8.

Subcourse: MM0479

Title: Mass Measurement.

Description: Teaches mass weight balances used by Army calibration specialist. Crd hrs: 5.

Subcourse: MM0483

Title: Thermometry.

Description: Introduction to thermometry; calibration and use of temperature standards. Crd hrs: 4.

Subcourse: MM0486

Title: Mechanical and Electromechanical Measurement Principles.

Description: Temperature and humidity measurements, pressure measurements and devices, rotary torque measurements and equipment, vibration measurements and equipment, weights and balance. MOS: 35H, 918. Crd hrs: 8.

Subcourse: MM0487

Title: Infrared Calibration.

Description: Introduction to infrared calibration, general radiometer test set, infrared transfer set, infrared reference set, irradiance and light meter test sets, infrared calibration. MOS: 35H, 918. Crd hrs: 16.

Subcourse: MM0499

Title: Army Calibration System.

Description: Includes objectives; responsible agencies and their missions; field organization including types of units. CMF 35, 918; AOC: 91B. Crd hrs: 3.

Subcourse: MM0651

Title: Shop Practices and Safety.

Description: Organization, layout and operation of an efficient maintenance shop, identification and care of shop tools; accident prevention; first aid for electrical shock, burns and bleeding. CMF 35, 918. Crd hrs: 3.

Subcourse: MM0702

Title: Basic Electricity Mathematics.

Description: How to solve equations using algebraic principles and involving exponents; describes the parts of a logarithm and how to use logarithmic procedures to solve problems; explains how trigonometric functions are derived and how to use those functions to solve trigonometric problems; explains what Vector Algebra is and how to use it to solve problems. CMF 35, 918. Crd hrs: 5.

Subcourse: MM0703

Title: Basic Electricity—Part I.

Description: Describes the principles of electron flow, static electricity, conductors, and insulators and discusses basic electrical concepts and principles of magnetism; explains what an electric circuit is, defines the standard electrical units of measure and explains how to use Ohm's and Kirchoff's laws; explains characteristics of direct and alternating currents; the generation at a sine wave of voltage or current; vector representation of a sine wave; and peak, average, and effective values of alternating current; explains what capacitance and inductance are and describes resistive and capacitive circuits and resistive and inductive circuits. (Prerequisite: MM0702.) CMF 35, 918. Crd hrs: 15.

Subcourse: MM0704

Title: Basic Electricity—Part II.

Description: Mathematics required to understand the basic operating principles of guided missiles in general, and electronic and radar circuits in particular; electron theory direct and alternating current laws and circuitry, theory and use of inductors and capacitors. CMF 35, 918. AOC: 91B. (Prerequisites: MM0702 and MM0703.) Crd hrs: 12.

Subcourse: MM0705

Title: Electronics—Part I.

Description: Principles, functions, and use of electron emission, diode tubes, rectifiers, power supplies, voltage regulators, amplifiers, oscillators, and cathode ray tubes. Also deals with the principles of amplitude modulation and the superheterodyne received. (Prerequisites: MM0702, MM0703, and MM0704.) CMF 35, 918. AOC: 91B. Crd hrs: 19.

Subcourse: MM0706

Title: Electronics—Part II.

Table 3-17
Missile and Munitions subcourses (MM)—Continued

Description: Purpose, functions, and uses of limiters, discriminators, basic high frequency oscillators, multivibrators, phantastrons, sweep generators, transmission lines, waveguides, synchro and servo systems, antennas, and control transformers. Also deals with the principles of frequency modulation and typical radar pulse modulator circuits. (Prerequisites: MM0702, MM0703, MM0704, and MM0705.) CMF 35, 918. AOC: 91B. Crd hrs: 26.

Subcourse: MM0707

Title: Computer Fundamentals.

Description: Description and operation of the basic digital computer; numbering systems; and principles of Boolean algebra. CMF 35, 918. AOC: 91B. Crd hrs: 28.

Subcourse: MM0731

Title: Maintenance of Radio Set AN/GRC-106.

Description: Outlines the procedures for maintenance and establishes a practice exercise for the learner to experience problems in block and schematic diagram analysis of the receiver transmitter and radio frequency amplifier units in the AN/GRC-106; functional analysis of power, protection and control circuits; direct and general support practices, testing procedures, troubleshooting and alignments. MOS: 35E. Crd hrs: 13.

Subcourse: MM0750

Title: High Frequency Fixed Station Radio Systems.

Description: Introduction to high frequency long distance radio communications including types of signal used, significance of circuit quality, configurations of equipment for transmitting and receiving antenna characteristics, frequency planning and types of mobile communications terminals. MOS: 35E. Crd hrs: 16.

Subcourse: MM0812

Title: Purging of Night Vision Devices.

Description: Interim procedures for the use of the purge device with the following night vision/thermal devices: Aviator's Night Vision Imaging System AN/AVS-6(V)1/2, Night Vision Goggles AN/PVS-5/A/B/C, Viewer Infrared AN/PAS-7A, and Driver's Night Vision Viewer AN/VVS-2(V). The Night Vision Goggles AN/PVS-7A -7B were specifically designed for use with the purge devices and are among the newest members of the night vision family. The purge preference for these devices is included in this subcourse. MOS: 35F. Crd hrs: 7.

Subcourse: MM2597

Title: Interpreting Ammunition Markings and Color Codes.

Description: Interpret ammunition stock numbers, nomenclatures, and other data markings applicable to ammunition items and packing containers, and interpret color codes used on ammunition designating primary use, fillers, and hazardous materials. Crd hrs: 2.

Subcourse: MM2598

Title: Identifying Ammunition.

Description: Identifying ammunition by types, color codes, configuration, size, and markings. Foreign ordnance is not covered. Crd hrs: 4.

Subcourse: MM2599

Title: Using Ammunition Publications.

Description: How to identify ammunition publications and locate information within each publication. Crd hrs: 2.

Subcourse: MM2600

Title: Handling Ammunition and Identifying Fire and Chemical Hazard Symbols.

Description: Covers representative types of materials handling equipment used in ammunition operations, safety procedures for handling equipment, and identification of fire and chemical hazard symbols placed in ammunition storage areas. Crd hrs: 2.

Subcourse: MM2601

Title: Ammunition Storage.

Description: Storage in the theater of operations and zone of interior. Selections and use of ammunition storage drawings. Inventory and rewarehousing. AOC: 91D; MOS: 55B. Crd hrs: 8.

Subcourse: MM2602

Title: Issue and Receive Ammunition.

Description: Covers the basic information you need to receive and issue ammunition. MOS: 55B. Crd hrs: 5.

Subcourse: MM2603

Title: Ammunition Compatibility and Quantity-Distance Storage Requirements.

Description: Ammunition storage compatibility and ammunition quantity/distance standards. AOC: 91D; MOS: 55B. Crd hrs: 5.

Subcourse: MM2604

Title: Inspection and Maintenance of Ammunition.

Table 3–17
Missile and Munitions subcourses (MM)—Continued

Description: Inspecting and maintaining packing materials ammunition boxes and fiber containers. Also, procedures for inspecting and maintaining semi-fixed and separate-loading ammunition. AOC: 91D; MOS: 55B. Crd hrs: 4.

Subcourse: MM2605

Title: Demolition Firing Systems.

Description: Covers safety precautions and preparing the electric and nonelectric firing systems and the detonating cord system for demolition operations. Crd hrs: 3.

Subcourse: MM2608

Title: Destroying Ammunition and Decontaminating Explosives.

Description: Procedures for destroying unserviceable ammunition generated at the ammunition supply point (ASP) and performing explosive decontamination under controlled conditions, and performing emergency destruction of an ASP under combat conditions. Crd hrs: 3.

Subcourse: MM3667

Title: Introduction to Ammunition Inspection Records.

Description: Covers the preparation of DA Form 3151–R (Ammunition Stores Slip) and DA Form 4508 (Ammunition Transfer Record) to record condition code changes involving ammunition and the procedures for updating DD Form 1650 (Ammunition Data Card) due to an ammunition item being renovated. Also covers the preparation of an Ammunition Surveillance Inspection Report, preparation and posting of DA Form 3022–R (Army Depot Surveillance Record), and posting of the information required on DA Form 2064 (Document Register for Supply Actions). MOS: 55B. Crd hrs: 7.

Subcourse: MM3670

Title: Inspection of Motor Vehicles Used to Carry Ammunition.

Description: Prepare DD Form 836 (Dangerous Goods Shipping Paper/Declaration and Emergency Response Information of Hazardous Materials Transported by Government Vehicles/Containers/Vessels), giving any special instructions to the driver of a vehicle transporting munitions over public roads. Perform inspection of motor vehicle loaded with ammunition. Select and use ammunition loading drawings. MOS: 55B. Crd hrs: 5.

Subcourse: MM3671

Title: Inspection of Ammunition Railcars, MILVANS, and Air Shipments.

Description: How to inspect a railcar, MILVAN, hazardous material for air shipment. MOS: 55B. Crd hrs: 4.

Subcourse: MM3673

Title: Inspecting Ammunition Facilities.

Description: Inspection of ammunition storage buildings, both loaded and empty, outdoor storage sites, and ammunition maintenance facilities. MOS: 55B. Crd hrs: 4.

Subcourse: MM3674

Title: Ammunition Inspection Procedures.

Description: Procedures to be performed prior to actual inspection of an ammunition item and the selection of samples of ammunition to send to a test facility. MOS: 55B. Crd hrs: 3.

Subcourse: MM3675

Title: Inspecting Conventional Ammunition—Part I.

Description: Inspection of small arms ammunition, artillery ammunition, hand grenades, and 40mm grenade cartridge, mines, and military pyrotechnics. MOS: 55B. Crd hrs: 6.

Subcourse: MM3676

Title: Inspecting Conventional Ammunition—Part II.

Description: Inspection of demolition materials and artillery ammunition propelling charges and their containers. MOS: 55B. Crd hrs: 4.

Subcourse: MM3677

Title: Inspecting and Testing Rockets.

Description: Leads you through a visual inspection of one of the Army rockets and its packaging, shows how to perform a serviceability check of the ALINCO tester and then how to make a continuity check of the Army rocket. MOS: 55B. Crd hrs: 3.

Subcourse: MM3679

Title: TOW GM and Its Container.

Description: Teaches the surveillance aspects of the TOW Guided Missile (GM) and its container to include the visual inspection of the missile. MOS: 55B. Crd hrs: 2.

Subcourse: MM3680

Title: Inspect Salvage Material.

Table 3–17
Missile and Munitions subcourses (MM)—Continued

Description: Teaches the surveillance aspects of Ammunition Salvage Material to include the visual inspection and certification of ammunition residue as being safe and free of explosives. MOS: 55B. Crd hrs: 2.

Subcourse: MM3682

Title: Inspecting the Unit Basic Load.

Description: Describe the administrative procedures used when inspecting a unit's Basic Load, identify the required forms for Basic Load Accountability, what each form is used for, and compute a unit's Ammunition Basic Load. Crd hrs: 3.

Subcourse: MM3683

Title: Malfunction Investigation.

Description: State what an ammunition malfunction is; name the types of malfunctions; the major causes of malfunctions; describe the reporting procedures; temporary suspensions, malfunction investigation files, and engineering investigations. Crd hrs: 2.

Subcourse: MM3684

Title: Inspecting Toxic Chemical Munitions.

Description: Classify those defects you noted during your inspection; describe the steps necessary to transfer leaking chemical agents from one container to another. Name the safety equipment to be used and the steps to be taken to identify a leaking agent, and record any defects on an Ammunition Surveillance Inspection Report. Crd hrs: 4.

Subcourse: MM3685

Title: Inspect Chemical Munitions Storage Areas.

Description: Identify the nonstorage areas of a chemical munitions storage area; describe procedures to be performed during the inspection of chemical munitions magazines and outdoor storage sites where toxic chemical munitions are stored; record deficiencies noted on a chemical storage area inspection form. Crd hrs: 3.

Subcourse: MM3686

Title: Inspect Ammunition Stored on Vessels.

Description: Procedures to be performed for inspecting munitions to be loaded on a vessel; to identify the proper stowage configuration for ammunition to be loaded aboard a vessel and to identify the different classes of ammunition that can be stored together on a vessel. Crd hrs: 2.

Subcourse: MM3688

Title: Inspecting the Stinger Air Defense Guided Missile System.

Description: Surveillance aspects of the Stinger Guided Missile System to include the visual inspection of the missile system. Crd hrs: 2.

Subcourse: MM3689

Title: Inspecting the MLRS Rocket Pod/container.

Description: Surveillance aspects of the multiple launch rocket system (MLRS) rocket pod and container to include the visual inspection of the rocket pod and its container. Crd hrs: 2.

Subcourse: MM3690

Title: Inspecting the M56 Aircraft Mine Dispersing Subsystem and its Container.

Description: Surveillance aspects of the M56 Mine Dispersing Subsystem and its container to include the visual inspection of the subsystem. MOS: 55B. Crd hrs: 3.

Subcourse: MM4610

Title: Explosive Ordnance Disposal (EOD).

Description: Coordinate EOD efforts with outside agencies, plan chemical disposal operations, direct EOD support of range clearance operations, direct/advise on search operations for improvised explosive devices, limitations of authority of a noncommissioned officer serving as acting commander, plan unit deployment, plan minefield breaching operations, and prepare Technical Intelligence Reports. CMF 55. Crd hrs: 5.

Subcourse: MM4617

Title: Maintaining Publications in the Unit.

Description: Teaches Army publications control and basis for issue; how to use the publications index; how to request, make changes, and shelve publications, the numbering system and security measures for publications; and how to inspect the unit's publications. CMF 55. Crd hrs: 2.

Subcourse: MM4618

Title: Ammunition Records and Reports.

Description: How to name the different types of records and reports required for operational or nonoperational equipment; how to prepare a DA Form 5203 (DODIC Master/Lot Locator Record) to be used as a DODIC master record and another DA Form 5203 to be used as a lot locator record and be able to post a receipt transaction to both of these records; describe the cycles and files associated with the worldwide ammunition reporting system at the SAAS-3 level, how to input data into the system, and how to output Worldwide Ammunition Reporting

Table 3–17
Missile and Munitions subcourses (MM)—Continued

System feeder reports from the system; report a packaging discrepancy and shipping-type discrepancy by completing a SF 364 (Report of Discrepancy); prepare a DD Form 805 (Storage Space Management Report). CMF 55. Crd hrs: 10.

Subcourse: MM4619

Title: Preparing a Storage Plan.

Description: How to compute tonnages, select the best storage system to use, determine quantity distance requirements, determine field storage categories and prepare a storage plan. Crd hrs: 2.

Subcourse: MM4620

Title: Ammunition Receiving and Shipping Operations.

Description: How to describe the steps to take upon receiving a notice of shipment, how to choose a storage location, use a planigraph, determine personnel and equipment requirements, and describe how to plan shipping operations to include how to determine ammunition availability and locations, shipping, transportation requirements, compatibility requirements, personnel and equipment requirements, and to what location items to be shipped will come. CMF 55. Crd hrs: 2.

Subcourse: MM4621

Title: Inspecting the Maintenance of Storage Area and Facilities.

Description: Inspect the magazine storage area, the outdoor storage area, roads, fences and gates, and complete the inspection. Crd hrs: 2.

Subcourse: MM4622

Title: Planning for the Care and Preservation of Ammunition.

Description: Reason for maintenance and maintenance levels, what the forms of maintenance authorization are, how to fill out an ammunition process flow sheet, how to lay out ammunition maintenance lines, what makes up a maintenance plan, who approves the plan, and how to prepare an SOP maintenance operations. Crd hrs: 2.

Subcourse: MM4623

Title: Inventorying and Reworking Operations.

Description: Steps used to perform an ammunition inventory and complete inventory forms and the most effective procedure used when reworking ammunition to include completing the documentation. Crd hrs: 2.

Subcourse: MM4624

Title: Planning Ammunition Disposal Operations.

Description: How to select a disposal site, determine if the site needs maintenance, decide the method of disposal, determine what personnel protection is required what transportation assets are required, and coordinate disposal requirements with the Explosive Ordnance (EOD) Support Detachment. Crd hrs: 2.

Subcourse: MM4628

Title: Surveillance Operation and Ammo Explosive Storage Standards.

Description: List the three major programs that make up the Ammo Stockpile Reliability Program and how surveillance operations are used in administering the program to maintain ammo and explosives in a serviceable condition. List the safety, storage, and quantity distance requirements that provide a safe environment for the storage of ammo and explosives. CMF 55. Crd hrs: 6.

Subcourse: MM4629

Title: Understanding Chemical and Nuclear Surety.

Description: Describe the policies and responsibilities of maintaining programs, how a soldier is screened and evaluated, what disqualifications and qualifications are, and how they are handled. CMF 55. Crd hrs: 1.

Subcourse: MM4630

Title: Transportation of Class V Material.

Description: Describe the types of transporter requirements, liaison made with transportation agencies and planning requirements; the hazards associated with Class V materials and identify labeling and placarding requirements; the outloading drawing requirements for a specific line item of Class V material on various modes of transportation and what must be done to inspect an empty motor vehicle and see that the inspection is recorded on DD Form 626 (Motor Vehicle Inspection), and to prepare DD Form 836 (Dangerous Goods Shipping Paper/Declaration and Emergency Response Information of Hazardous Materials Transported by Government Vehicles/Containers/Vessels); describe the acceptance and rejection criterion for railcars used to transport munitions, to select the proper placards and post them, and to fill out the forms used to verify your inspection; the procedures followed for inspecting munitions to be loaded on a vessel, identify the different classes of ammo that can be stowed together on a vessel by using compatibility charts and the classification handling and stowage charts; describe what must be done to inspect ammo prepared for air shipment, to approve or disapprove the shipment, and to complete the Hazardous Material Air Shipment Inspection Report and the necessary tags and labels. Crd hrs: 7.

Subcourse: MM4631

Title: Division Ammunition Office Operations.

Description: Functions, responsibilities, and operations and staff relationships of Division Material Management Center's Class V Section,

Table 3-17
Missile and Munitions subcourses (MM)—Continued

commonly known as Division Ammunition Office Operations (DAO). Contains descriptions of the various elements that make up the DAO as well as agencies with a peripheral support function. Crd hrs: 1.

Subcourse: MM4632

Title: Compute Authorized Levels of Ammunition.

Description: State the authorized ammunition requirement categories along with their purpose and use; compute authorized levels of ammunition for the requirement categories; compute a required supply rate for a weapon; determine from on-hand assets, known due-ins; established ammunition stockage objectives, and known requirements if there is a need for a controlled supply rate. Crd hrs: 6.

Subcourse: MM4633

Title: Plan Shipping Operations.

Description: Explains transportation considerations and constraints and what military traffic managers do to help move ammunition along its way. Includes information on materiel release orders, posting XBT transactions, selecting ammunition to ship, and transportation preparations. Crd hrs: 3.

Subcourse: MM4634

Title: Prepare Storage Space Management Report.

Description: How to prepare and submit DD Form 805 in accordance with AR 740-1. Includes reporting requirements for installations, computation of storage space, and report preparation. Crd hrs: 4.

Subcourse: MM4636

Title: Supervise Manual Stock Accounting.

Description: How to identify the procedures for supervising personnel in the performance of manual stock accounting in accordance with DA Pam 710-2-2. Includes reviews on DA Form 2064, DA Form 3151-R (Ammunition Stores Slip), DA Form 5203 (DODIC Master/Lot Locator Record), DA Form 5204 (Serial Number Record), DA Form 1298 (Due Out Record), and DA Form 4999 (Due In Record). Crd hrs: 4.

Subcourse: MM4638

Title: Supervise the Preparation of a SF Form 364.

Description: Requirements and procedures for preparing and submitting a ROD, including the methods used and conditions under which shipping-type (item) discrepancies and packaging discrepancies are reported. Crd hrs: 2.

Subcourse: MM4639

Title: Supervise Selection of Stocks for Issue.

Description: How to supervise the selection of serviceable ammunition for issue to using units. Includes editing of DA Form 581 (Request for Issue and Turn-in of Ammunition), use of DA Form 1687 (Notice of Delegation of Authority/Receipt for Supplies), and procedures to ensure proper posting of the DA Form 581 to stock records and the document register. Crd hrs: 3.

Subcourse: MM4640

Title: Supervise Turn-In Documentation.

Description: Teaches the Ammunition Specialist (MOS 55B40) the proper procedures for returning live ammunition and salvageable ammunition materials to the Ammunition Supply Point (ASP)/Supply Support Activity (SSA). Includes procedures for preparing the correct documentation for turning in live ammunition, ASP/SSA procedures for reconciling the turn-in against the original issue documentation, and posting the turn-in to the stock records. Crd hrs: 3.

Subcourse: MM4641

Title: Plan Routine Disposal Operations.

Description: Routine disposal planning procedures for unserviceable ammunition/explosives. Ensure proper disposal of ammunition, maximum safety for personnel and efficient use of personnel and equipment. Includes authorization documentation, safety requirements, site selection factors, types of ignition systems, temporary storage requirements, explosive limits, demolition material, approval authority, and SOP development. Crd hrs: 3.

Subcourse: MM4642

Title: Supervise the Preparation of Guided Missile and Large Rocket Report (GMLR).

Description: Teaches soldiers in the position of stock control section NCOIC to supervise the preparation of the GMLR report. Contains information on manual processing of DA Form 5210-R (XBT Record), DA Form 5211-R (XAM Record), and instructions on processing the GMLR Report using the Tactical Army Combat Service Support Computer System. Crd hrs: 5.

Subcourse: MM4643

Title: Supervise Outgoing Shipment Documentation.

Description: How to supervise the preparation of required shipping documentation in accordance with DA Pam 710-2-2. Contains prepared copies of DD Form 1348-1A (Issue Release/Receipt Document) or DD Form 1348-2 (DOD Issue/Receipt Document with Address Label) and DD Form 1384 (Transportation Control and Movement Document). Crd hrs: 3.

Subcourse: MM4646

Title: Manage Training Ammunition Management Information System (TAMIS).

Table 3–17
Missile and Munitions subcourses (MM)—Continued

Description: How to manage the reports, forms, and other procedures required to use the Training Ammunition Management System and TAMIS. Crd hrs: 3.

Subcourse: MM4647

Title: Ammunition/Explosive Storage Standards.

Description: Fundamental standards for the storage of ammunition and explosives. Includes instructions on storage, types of storage facilities, barricade construction requirements, fire protection, and hazard markings. Covers ammunition storage areas, ammunition storage structures, field storage categories and groupings, and storage area safety. Crd hrs: 3.

Subcourse: MM4649

Title: Check Loading Operations.

Description: How to check an ammunition loading operation for correct loading using Army Materiel Command drawings, load compatibility, placarding and bracing criteria for TM9–1300–206 and Bureau of Explosives Tariff 6000. Crd hrs: 1.

Subcourse: MM4651

Title: Advise in the Selection of Storage Site.

Description: How to select or assist in selecting the best available location for an ammunition storage point (ASP). Includes site selection criteria, storage system to be used, and location of ASP sections. Crd hrs: 2.

Subcourse: MM4654

Title: Plan Storage Operations.

Description: Includes information on planning storage operations, managing personnel and equipment, overseeing logistical operations, and determining rewarehousing operations in accordance with TM 9–1300–206. Crd hrs: 5.

Subcourse: MM4673

Title: Inspecting an Ammunition Maintenance Facility.

Description: Procedures for inspecting an ammunition maintenance facility, including inspecting safety devices, fire fighting systems, ammunition gage records, and electrical grounding equipment. Crd hrs: 3.

Subcourse: MM4674

Title: Select and Use Storage and Outloading Drawings.

Description: Basic procedures for selecting and using ammunition storage and outloading drawings. Includes instructions on how to determine the correct drawing for a selected item of conventional ammunition for storage or mode of transportation, and how to interpret and use the drawings. Crd hrs: 2.

Subcourse: MM4675

Title: Select and Use Ammunition Drawings.

Description: Basic procedures for selecting and using Army Materiel Command ammunition drawings during the normal duties of an ammunition inspector. Crd hrs: 2.

Subcourse: MM4676

Title: Draft an SOP for Surveillance Operations.

Description: Basic elements and procedures involved with drafting a Standing Operating Procedure (SOP) to be used in ammunition surveillance operations. Drawn primarily from Army Materiel Command Regulation 385–1; the information is applicable Armywide. Crd hrs: 2.

Subcourse: MM4677

Title: Inspecting Ammunition Operations for Safety.

Description: Instructions for inspecting ammunition handling, transportation by motor vehicle or rail, procedures inside and outside of a storage magazine, refueling operations, use of forklifts, fire plans, SOPs and destruction data. CMF 55. Crd hrs: 4.

Subcourse: MM4802

Title: The Dragon Weapon System and Its Test Equipment.

Description: Covers the description and operation of the Dragon Missile System and associated test equipment. CMF 35, 918. Crd hrs: 3.

Subcourse: MM4806

Title: Multiple Launch Rocket System and Deep Attack Missile System.

Description: Describes the general characteristics of the Multiple Launch Rocket System (MLRS); its major components, and its communications net; the fire control system menus; the hydraulic, mechanical, and electrical assemblies of the launcher loader module (LLM) and other MLRS components; preventive maintenance checks and services for the system; presents troubleshooting and repair background and procedures for the LLM and the fire control system; identifies the major components of the MLRS carrier and describes maintenance. CMF 35, 918. Crd hrs: 7.

Subcourse: MM4807

Title: Bradley Fighting Vehicle TOW Subsystem and Associated Test Equipment.

Description: State the basic characteristics of the Bradley Fighting Vehicle System, identify the major components of the TOW subsystem

Table 3-17
Missile and Munitions subcourses (MM)—Continued

(TSS), identify the TOW subsystem support equipment (TSS-SE), and describe maintenance of the TOW subsystem in general terms; locate and identify components of the turret of the Bradley Fighting Vehicle including the commander's turret controls and the gunner's turret controls; describe the component characteristics and operations of the TSS and the TSS-SE; identify the controls on the test, measurement, and diagnostic equipment used to maintain the TSS-TS; describe the preventive maintenance checks and services used when performing maintenance on TSS-SE; and describe the procedures used to perform the TOW subsystem 180-day verification test. CMF 35, 918. Crd hrs: 8.

Subcourse: MM4810

Title: Dragon Weapon System.

Description: Characteristics, purpose, and functional operation of the major assemblies and subassemblies of the Dragon Weapon System. Includes instruction on all assemblies and subassemblies to ensure understanding of the overall operation of the Dragon Weapon System. CMF 35, 918. Crd hrs: 2.

Subcourse: MM4811

Title: TOW-2 Weapon System.

Description: Characteristics, purpose, and functional operation of the major assemblies and subassemblies of the TOW-2 Weapon System. Includes introduction; functional theory; test, measurement, and diagnostic equipment; TOW-2 training set; and maintenance concept. Instructions for the overall operation of the TOW-2 System. CMF 35, 918. Crd hrs: 8.

Subcourse: MM4812

Title: Night Sight (AN/TAS-4A).

Description: Characteristics, purpose and functional operation of the major assemblies and subassemblies of the AN/TAS-4A Night Sight. Includes introduction, functional theory, and test equipment and maintenance, for an understanding of overall operation. CMF 35, 918. Crd hrs: 4.

Subcourse: MM4813

Title: TOW Field Test Set.

Description: Overview of the TOW Field Test Set (TFTS). Includes information on the purposes and functions of the major assemblies and the maintenance concept of the TFTS. CMF 35, 918. Crd hrs: 4.

Subcourse: MM4814

Title: Bradley Fighting Vehicle TOW.

Description: Overview of the Bradley Fighting Vehicle, the TOW subsystem, and the TOW subsystem support equipment. Contains instructions on all assemblies and subassemblies to ensure understanding of the overall operation of the Bradley Fighting Vehicle. CMF 35, 918. Crd hrs: 8.

Subcourse: MM5000

Title: Timing Circuits.

Description: Introduction to timers; basic operating principles of timing systems; block diagram and function of each element in a basic timing system; analysis of timing waveforms; basic theory and detailed study of differentiating and integrating circuits. CMF 35, 918. Crd hrs: 5.

Subcourse: MM5005

Title: Radar Transmitter.

Description: Troubleshoot and repair radar transmitters. CMF 35, 918. Crd hrs: 10.

Subcourse: MM5006

Title: Alignment and Adjustment of AN/FPN-40.

Description: Make alignments and adjustments; troubleshoot and repair the radar set. MOS: 35D. Crd hrs: 3.

Subcourse: MM5007

Title: Adjustment of PPI, IFF and Precision Display, and PPI Delay Control.

Description: Troubleshoot and repair radar set AN/FPN-40. MOS: 35D. Crd hrs: 3.

Subcourse: MM5012

Title: Troubleshoot Lightweight Doppler Navigation Set AN/ASN-128 (SOJT).

Description: Outlines the procedures for test operating, identifying, and replacing faulty components to troubleshoot. Establishes practice exercises for the student to experience 'real world' troubleshooting problems. Student must have access to this equipment plus components, tool kit and cleaning materials. MOS: 35K. Crd hrs: 20.

Subcourse: MM5024

Title: Direct Support Maintenance of Direction Finder Set AN/ARN-89 (SOJT).

Description: Troubleshoot and repair the AN/ARN-89() system. Student must have access to the equipment. CMF 35, 918. Crd hrs: 20.

Subcourse: MM5031

Table 3–17
Missile and Munitions subcourses (MM)—Continued

Title: Alignment Receiver Section of Radio Receiver R–1388/ARN–82 (SOJT).

Description: Align the receiver section of Radio Receiver R–1388/ARN–82. Student must have access to this equipment and components. CMF 35, 918. Crd hrs: 4.

Subcourse: MM5037

Title: Troubleshooting SLAE Radio Set AN/ARC–114, AN/ARC–115, and AN/ARC–116.

Description: Skills related to troubleshooting radio sets AN/ARC–114, AN/ARC–115, and AN/ARC–116. MOS: 35L. Crd hrs: 4.

Subcourse: MM9714

Title: Receiver–Transmitter Radio RT–246/VRC and/or RT–524/VRC (SOJT).

Description: Troubleshooting the RT–246/VRC and the RT–524/VRC, with practice exercises on troubleshooting problems. The test equipment (or equivalent) and tools must be available for use. (Prerequisite: SS9713.) MOS: 35E. Crd hrs: 10.

Table 3–18
Military Police subcourses (MP)

Subcourse: MP0018

Title: Military Police Investigations.

Description: Principles and techniques of police interviews and interrogations; the protection and processing of crime scenes; the preparation and evaluation of military police investigation reports; testifying in court. Provides training in the following skill level 3 tasks: coordinate military police investigative activities; supervise protection of a crime scene; supervise the collection and processing of evidence; supervise the investigation of an incident. MOS: 95B. Crd hrs: 9.

Subcourse: MP0100

Title: Reserve Component MPI Supplemental Materials.

Description: Observation, identification and description, collection and preservation of physical evidence; sources of police information; surveillance techniques; raids; apprehension and search techniques; black market activities; drug abuse; and evidence depository procedures. MOS: 95B/D. Crd hrs: 10.

Subcourse: MP1000

Title: Physical Security Planning.

Description: Introduction to physical security planning and management. Purpose of physical security inspections and surveys; review of a physical security plan; role and responsibilities of supervisors and security force members; purpose and organization of physical security education programs. MOS: 95B/D. Crd hrs: 5.

Subcourse: MP1001

Title: Physical Security.

Description: Provides knowledge in the functional area of physical security. Installation security on the types of threats to security and countermeasures; employment of perimeter barriers and protective lighting; the use of military police working dogs; and in-transit security for ports, motor, and railway transit. MOS: 95B/D. Crd hrs: 5.

Subcourse: MP1002

Title: Area Security.

Description: Provides skill and knowledge in the area of physical security to include operations security; personnel identification and control procedures; bomb threat contingency planning and employment of intrusion detection systems. MOS: 95B/D. Crd hrs: 5.

Subcourse: MP1003

Title: Materiel Control.

Description: Provides training in the functional area of physical security which includes packages, materiel, and vehicle control measures; an evaluation of physical security explosives storage rooms and areas; evaluation of requirements for aircraft and components, motor pools and parks; and petroleum, oil and lubricants areas. MOS: 95B/D. Crd hrs: 5.

Subcourse: MP1004

Title: Civil Disturbance Planning.

Description: Provides knowledge in the Military Police functional area of civil disturbance (confrontation management) planning. General policies and legal aspects concerning military operations during civil disturbances; behavioral aspects of control forces and dissidents; community/news media relationship; and the interrelationship of local, state, and federal authorities. MOS: 95B/D. Crd hrs: 6.

Subcourse: MP1005

Title: Civil Disturbance Operations.

Description: Provides training in the supervision of crowd control formation; use of force during civil disturbances; use and operation of riot control agent dispersers and personnel, logistical and operational planning to control civil disturbance. MOS: 95B/D. Crd hrs: 6.

Subcourse: MP1006

Table 3–18
Military Police subcourses (MP)—Continued

Title: Law Enforcement Operations.

Description: Provides training in Military Police responsibilities for processing juvenile offenders; how to identify and react to serious incidents and the supervision of a bomb threat and hostage situation; legality of searches without prior authorization; use of force; supervision of enforcement of traffic regulation; responsibility for the security of a crime scene to include the protection of evidence and the recording of all changes to the scene. Crd hrs: 10.

Subcourse: MP1007

Title: Military Police Controls (Tactics, Techniques, and Procedures).

Description: Provides training on establishing responsibilities and supervising a traffic control post; establishing a roadblock and checkpoint; how to plan, monitor, conduct, supervise and report information on a hasty route reconnaissance; supervise a hasty route reconnaissance; supervise processing of enemy prisoners of war and civilian internees at division forward collecting point; supervise a convoy security operation; establish and supervise a defile; and rear operations. Crd hrs: 10.

Subcourse: MP1008

Title: MP Reports and Forms.

Description: Provides training on completion of the following Military Police forms: DA Form 3997 (Military Police Desk Blotter); DA Form 3975 (Military Police Report); DA Form 2823 (Sworn Statement); DA Form 3998 (Military Police Desk Reference); DA Form 4833 (Commander's Report of Disciplinary or Administrative Action); DA Form 3946 (Military Police Traffic Accident Report); DD Form 1805 (United States District Court Violation Notice); DD Form 1408 (Armed Forces Traffic Ticket); DD Form 1920 (Alcoholic Influence Report); DA Form 4137 (Evidence/Property Custody Documents); DA Form 4002 (Evidence/Property Tag); and DA Form 3881 (Rights Warning Procedure/Waiver Certificate). Crd hrs: 5.

Subcourse: MP1009

Title: CID Program.

Description: Overview of the CID Program. Discusses the acceptance and accreditation of CID personnel. Instruction on how to initiate Agent Activity Summaries CID Action Records. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 5.

Subcourse: MP1010

Title: Investigative Photography.

Description: Basics of photography and its application to the field of criminal investigations. The KS–134 (Canon AE–1) camera, lighting, filming, and the basic function of crime scene photography are discussed. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 5.

Subcourse: MP1011

Title: Criminal Investigations.

Description: Detailed instructions on the specification of elements of proof while conducting criminal investigations in the following major areas: larceny and wrongful appropriation; burglary and housebreaking; robbery; arson and explosives investigation; rape and carnal knowledge; and murder, manslaughter, and negligent homicide. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 10.

Subcourse: MP1012

Title: Criminalistics.

Description: Detailed instructions on scientific aids to criminal investigation to include: taking record and preserving fingerprint impressions; collecting questioned documents; and obtaining handwriting exemplars. Instructions on how to package the evidence for shipping to the crime laboratory and how to prepare and submit crime laboratory examination request. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 10.

Subcourse: MP1013

Title: Crime Scene Processing.

Description: Provides detailed description of crime scene processing, notes and sketches, collecting physical evidence, initiating and maintaining the chain of custody of evidence, disposition, and recording and accounting for evidence, and packaging evidence for shipping. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 3.

Subcourse: MP1014

Title: Economic Crimes.

Description: Procedures for conducting crime prevention surveys to include preparing CID Form 3 (Crime Prevention Survey Report); investigation of economic crimes such as fraud against the government including identification of fraud under federal status as well as the Uniform Code of Military Justice (UCMJ). Procedures for coordinating with other appropriate federal agencies during fraud investigations. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 2.

Table 3–18
Military Police subcourses (MP)—Continued

Subcourse: MP1015

Title: CID Special Operations.

Description: Discusses the recruitment and utilization of informants; how liaison is conducted with local agencies and official sources; conducting surveillance; planning and conducting raids; apprehension, search and seizure; how to conduct undercover operations; expanding and documenting .0015 funds; and identifying drug characteristics and drug abusers. To enroll in this subcourse, send a DA Form 145 and a memorandum signed by your commander, provost marshal, chief of security, or similar authority stating that your duties require this training. Crd hrs: 10.

Subcourse: MP1016

Title: Testimonial Evidence.

Description: Gathering testimonial evidence including how to interrogate suspects and subjects, interview witnesses and victims, conduct rights warning procedures, obtain sworn statements, coordinate polygraph requests, and utilize observations and descriptions. Crd hrs: 10.

Subcourse: MP1017

Title: The Military Justice System.

Description: Overview of the military justice system. Acquaints company grade officers, NCOs and criminal investigators with the structure and operation of the system. Covers the power of the commander to dispose of offenses through various means other than trial by court-martial; certain constitutional guarantees of the accused; and the procedures by which a case is referred for trial by court-martial. Crd hrs: 3.

Subcourse: MP1018

Title: Authority and Jurisdiction.

Description: Basic legal principles for individuals engaged in law enforcement duties. Areas covered include: military authority, military jurisdiction, civilian jurisdiction, overlapping jurisdiction, territorial jurisdiction, operation of state law on military installations, double jeopardy, court martial jurisdiction over the person or the offense, and the Poss Comitatus Act. Crd hrs: 3.

Subcourse: MP1019

Title: Principles of Criminal Law.

Description: Reinforces the basic criminal law instruction which a military policeman receives to carry out his duties. Covers the element of proof for the offenses of larceny on wrongful appropriation, burglary and housebreaking, aggravated assault, robbery, rape and carnal knowledge, murder, manslaughter and negligent homicide and drug related offenses. Crd hrs: 4.

Subcourse: MP1020

Title: Confessions and Admissions.

Description: Covers the general principles and applicability of the Fifth and Sixth Amendments to the U.S. Constitution. Examines the rights of a suspect under Article 31, UCMJ, as well as when (and how) these rights are triggered. Analyzes procedure for advising a suspect of his rights, how to secure a valid waiver of those rights, and how to handle a nonwaiver. Crd hrs: 4.

Subcourse: MP1021

Title: Search and Seizure.

Description: Covers the general principles and applicability of the Fourth Amendment to the U.S. Constitution. Analyzes when the Fourth Amendment protection applies and examines in detail the law governing searches pursuant to a warrant/authorizations. This includes an understanding of the probable cause standard and how it may be satisfied. Crd hrs: 4.

Subcourse: MP1022

Title: Legal Aspects of Economic Crimes.

Description: Examines the various economic crimes, their elements, the investigative tools available to the investigator, and the relationship between the investigator and the Staff Judge Advocate. Discusses both the legal and administrative tools available to investigators. Crd hrs: 4.

Subcourse: MP1023

Title: Law of War.

Description: Examines the law of armed conflict. Acquaints company grade officers, noncommissioned officers, and warrant officers with the principles and rules involved and the benefits of compliance. Emphasizes that, without discipline, our soldiers are ineffective and doomed to failure. Crd hrs: 4.

Subcourse: MP1024

Title: Release of Information and the Standards of Conduct.

Description: Discusses the release of government records under the Freedom of Information Act and the Privacy Act. Provides the military police officer with a basic understanding of how to handle requests for information which may result in civil and/or criminal liability on the part of those responsible. Also covers the standards of conduct as contained in AR 600–50, which govern the ethical behavior of all DA personnel. Crd hrs: 4.

Subcourse: MP1025

Title: The Army Correctional System.

Description: Examines the history of penology, defines correctional terminology, describes U.S. Army correctional/confinement programs.

Table 3–18
Military Police subcourses (MP)—Continued

Discusses prisoner status, prisoner rights, punitive discharges, emergency plans and procedures, military leadership, attitudinal development, and the correctional supervisor, thus enabling the corrections NCOs to understand the philosophy and structure of the Army Correction System. Crd hrs: 4.

Subcourse: MP1026

Title: Custody and Confinement Procedures.

Description: Duties and responsibilities of the corrections NCO in correction and confinement facilities. Includes admission procedures, counseling procedures, transfer, disposition and movement of prisoners, clemency policies and general release procedures. Crd hrs: 4.

Subcourse: MP1027

Title: Prisoner Administration and Programs.

Description: Focuses on sentence computation, prisoner strength accountability, recreational, and welfare programs for prisoners. Discusses prisoner mail, visits and communication privileges, prisoner funds, and prisoner work-training programs. Crd hrs: 4.

Subcourse: MP1028

Title: Battlefield Circulation Control: Hasty Route Reconnaissance.

Description: Discusses the principles employed by a military police supervisor in planning and conducting a hasty route reconnaissance. Discusses actions the supervisor must accomplish to monitor a hasty route reconnaissance and report its results. Covers the overall organization and function of the highway system in the theater of operation. Crd hrs: 4.

Subcourse: MP1029

Title: Battlefield Circulation Control: Traffic Control Posts.

Description: How to plan, establish and operate military police traffic control posts, holding areas, and defiles. Includes establishment and supervision of checkpoints and roadblocks and how to plan and supervise straggler control operations. Crd hrs: 4.

Subcourse: MP1030

Title: River Crossing Operations.

Description: Discusses the role of the military police in planning, organizing, and coordinating support for a river-crossing operation. Crd hrs: 4.

Subcourse: MP1031

Title: Area Security Operations.

Description: Introduces selected aspects of area security operations which the military police often performs concurrently with other MP missions or as a primary mission. Included are how to plan and implement security of the division command post, convoy security, and the use of night vision devices. Crd hrs: 4.

Subcourse: MP1032

Title: Enemy Prisoner of War (EPW) and Civilian Internee (CI) Operations.

Description: Discusses military police responsibilities involved in EPW and CI operations. Includes how to supervise the planning, processing, movement, security, and control activities of EPW/CIs. Crd hrs: 4.

Subcourse: MP1033 (for NCO)

Title: MP Station Operations.

Description: Introduces selected aspects of the military police law and order mission. Covers planning for traffic control, preparing a patrol distribution plan for an installation, planning for the handling of domestic disturbances, and establishing liaison for the sensitive handling of rape victims. Crd hrs: 4.

Subcourse: MP2000

Title: Military Police Operations and Traffic Enforcement.

Description: Presents knowledge and skills required to plan crime prevention programs, analyze crime data, prepare a patrol distribution plan, plan the employment of traffic law enforcement personnel assets, and establish emergency traffic control procedures. Crd hrs: 5.

Subcourse: MP2001

Title: Special Military Police Operations.

Description: Provides the knowledge to provide protective services, perform bomb threat contingency planning, and counter terrorist activities on a military installation. Crd hrs: 5.

Subcourse: MP2002

Title: Search, Seizure, and Temporary Storage of Evidence and Contraband.

Description: Information on identifying the procedures for conducting a legal search and seizure, handling evidence properly and establishing a temporary evidence storage facility. Crd hrs: 4.

Subcourse: MP2003 (for officers)

Title: Provost Marshal Operations.

Table 3–18**Military Police subcourses (MP)—Continued**

Description: How to review military police forms and reports as the assigned provost marshals operations (PMO) officer. Procedures the PMO uses to oversee military police desk and station operations. Crd hrs: 5.

Subcourse: MP2004

Title: Direct Personnel Conducting Investigations.

Description: How to direct personnel who are conducting the investigations of an offense. The test covers the supervision of crime scenes, and how to direct, monitor, and review crime prevention surveys. Crd hrs: 4.

Subcourse: MP2005

Title: Apprehension, Investigation and Interviews.

Description: Policies; procedures, and techniques of supervising a Military Police Investigation (MPI) section activities, conducting interviews and interrogations of witnesses, victims, suspects, and accused persons; conducting apprehensions and searches incidental to apprehension and directing MPI section personnel through the policies and procedures of returning absent service members to military control. Crd hrs: 6.

Subcourse: MP2006

Title: AirLand Battle: Area Security Operations.

Description: How to provide security for a command post, designated persons, a convoy and lines of communication. Also, how to perform a cordon and search mission. Crd hrs: 5.

Subcourse: MP2007

Title: Military Police Organization and Employment on the AirLand Battlefields.

Description: Introduction of the four battlefield missions of the military police. A review of the MP table of organization and equipment is presented since the success on the battlefield will depend largely upon understanding the fundamentals of MP organization and employment within the theater of operation. Crd hrs: 4.

Subcourse: MP2008

Title: Military Police Table of Organization and Equipment (TOE).

Description: How to read the TOE and provide officers with information on the method by which the personnel and equipment requirements for a combat, combat support, and combat service support units are structured and documented. Crd hrs: 4.

Subcourse: MP2009

Title: Battlefield Circulation Control Operations.

Description: How to supervise the battlefield circulation control (BCC) mission during an armed conflict. How to plan and manage the BCC operations of route reconnaissance, main supply route regulation, straggler and refugee control, and information gathering and dissemination. Also covers the military police role in support of river crossing operations. Crd hrs: 5.

Subcourse: MP2010

Title: AirLand Battle: Rear Operations.

Description: How to determine the composition/tactics of levels I, II, and III of the Soviet Forces. Discusses the concepts of rear operations, area damage control, and organization of the rear area. Also, how to identify the command and control elements responsible for planning and coordinating rear operation, base and defense operations and how to evaluate passive security measures in the rear area. Crd hrs: 5.

Subcourse: MP2011

Title: EPW/CI Policy and Procedures.

Description: Overview of MP doctrine for collecting, evacuating, and interning enemy prisoners of war (EWP) and civilian internees (CI). The doctrine in this subcourse may be applied to all levels of conflict including contingency operations. Crd hrs: 5.

Table 3–19**School of Music subcourses (MU)**

Subcourse: MU0010

Title: A History of U.S. Army Bands.

Description: History, mission, and functions of Army Bands. Crd hrs: 3.

Subcourse: MU1300

Title: Scales and Key Signatures.

Description: Identify and write major and minor scales and their key signatures. Crd hrs: 9.

Subcourse: MU1305

Title: Intervals and Triads.

Description: Identify and write intervals and triads; identify and write harmonic and melodic intervals, simple and compound intervals, chromatic intervals, enharmonic intervals, identify and write triads, form diatonic triads on major and minor scales. Crd hrs: 9.

Table 3–19
School of Music subcourses (MU)—Continued

Subcourse: MU1709

Title: Musical Terms.

Description: What most musical terms mean and how they are constructed. Crd hrs: 3.

Subcourse: MU1715

Title: Nonharmonic Tones.

Description: Identify and write nonharmonic tones. (Prerequisites: MU1300 and MU1305.) Crd hrs: 7.

Subcourse: MU3200

Title: Section Rehearsal Techniques.

Description: Prepare for a section rehearsal, set up a rehearsal area, initiate a section rehearsal using count-offs, time-beating patterns, and swing rhythms, and rehearse a section. Crd hrs: 8.

Subcourse: MU3210

Title: Drum Majoring.

Description: Stationary movements and the manual of instruments for band members, the manual of the mace, the sequence of events for various military ceremonies, and the actions and mace signals required to perform as a drum major in ceremonies. Crd hrs: 12.

Subcourse: MU3310

Title: Traditional Harmony 1: Primary Triads and the Dominant Seventh Chord.

Description: Construction of four-voice chords; basic part writing for primary triads and the dominant seventh chord in traditional style. Crd hrs: 29.

Subcourse: MU3314

Title: Traditional Harmony II: Secondary Triads.

Description: How secondary triads are constructed and connected in the traditional style. Instruction on the basic skills of part writing secondary triads. (Prerequisite: MU3310.) Crd hrs: 18.

Subcourse: MU3320

Title: Jazz Harmony I.

Description: Teaches chords, chord extensions, and chord symbols; information on triads, sixth chords, seventh chords, ninth chords, eleventh chords, thirteenth chords, and less common chords. Also contains information on the chord symbols for each type of chord. Crd hrs: 8.

Subcourse: MU3322

Title: Jazz Harmony II: Chord Progression.

Description: Analyzing chord progressions. Instruction on basic chord analysis and notation, jazz harmony terminology, chord function substitution, and chord patterns. Crd hrs: 19.

Subcourse: MU3323

Title: Jazz Harmony III: Chord Scales.

Description: Identify and construct chord scales. Apply chord scales that correspond to given chord symbols in harmonic progressions. Crd hrs: 13.

Subcourse: MU4100

Title: Band Operations.

Description: Teaches the proper methods of operating a band operations shop. Contains information on resources, regulations, and forms to be used. Crd hrs: 3.

Subcourse: MU4200

Title: Basic Baton Techniques.

Description: Conductor's positions and stance, baton grip and movements, basic beat patterns, and how to start and stop the ensemble. Crd hrs: 9.

Subcourse: MU4214

Title: Form I.

Description: Basic song forms. Information on motives, phrases, periods, and double periods; common two and three part song forms; and the basic march form. Crd hrs: 8.

Subcourse: MU4344

Title: Traditional Harmony III (Alternative Voice Leading Principles).

Description: Teaches alternative principles of traditional harmony. Contains information on chord progression, alternative principles of triadic voice leading, secondary dominant chords, secondary leading tone chords, and common chord modulation. Crd hrs: 12.

Subcourse: MU6210

Table 3–19
School of Music subcourses (MU)—Continued

Title: Band Commander and Ceremonies.

Description: Supervise and direct a band at reviews, parades, funerals, and other ceremonies; positions and movements of the bandmaster; use of ceremonial music, appropriate salutes and honors, and sequence of events of ceremonies. Crd hrs: 7.

Subcourse: MU6357

Title: American Military March Form.

Description: Recognize and analyze the form, harmony, melody, and counter melody of the American military march. Crd hrs: 9.

Table 3–20
Ordnance subcourses (OD)

Subcourse: OD0010

Title: Electrical System Component Repair.

Description: Procedures for testing, overhauling, and adjusting AC and DC charging system components, starter motors, and personnel heaters; and the use and care of electrical system component test equipment. MOS: 63H. Crd hrs: 23.

Subcourse: OD0011

Title: Chassis Components Repair.

Description: Principles of operation and basic steps involved in the repair and overhaul of components in power steering systems, airbrake systems, hydraulic systems, and suspension lockout systems. MOS: 63H. Crd hrs: 14.

Subcourse: OD0017

Title: Supporting Services.

Description: Use of precision measuring tools and procedures for pipefitting, welding, metal cutting, brazing, and soldering. MOS: 44E. Crd hrs: 8.

Subcourse: OD0450

Title: Maintenance Management, I.

Description: Tenets of Army operations, Combat Service Support (CSS) logistics characteristics, CSS activities in the three levels of war, and CSS structure in the Theater, Corps, and Division. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0451

Title: Maintenance Management, II.

Description: Introduces the Armywide Logistics Assistance Program; the Army Oil Analysis Program and procedures, Sample Data Collection Program, maintenance float, Army material marking, storage and warranty, Depot Repair and Return Program, Army policy of pneumatic tire maintenance, and the policies of the Component Safety Program. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0452

Title: Maintenance Management, III.

Description: Maintenance management in a combat service support environment; operation of an intermediate direct support maintenance shop, and workload problems associated with an intermediate general support maintenance shop. MOS: 63Z. Crd hrs: 6.

Subcourse: OD0453

Title: Maintenance Management, IV.

Description: Documentation flow required to operate a shop supply activity and to review bench stock listings; considerations of area selection and the factors governing area layout; and the mission, responsibilities, operation and organization of an intermediate general support unit (IGSU), and the relationship between the IGSU and the Material Management Center. MOS: 63Z. Crd hrs: 8.

Subcourse: OD0454

Title: Unit Maintenance Operation.

Description: The responsibilities and interfaces of maintenance managers; stockage codes used in maintaining a prescribed load list, and the addition and retention criteria for each; and the purpose, uses, and preparation of a Report DA Form 2406 (Materiel Condition Status Report). MOS: 63Z. Crd hrs: 7.

Subcourse: OD0455

Title: Introduction to Simplified Test Equipment/Internal Combustion Engines (STE/ICE).

Description: The components and component operation of the STE/ICE, and the correct performance of test and fault isolation procedures for gasoline and diesel engines. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0456

Title: Introduction to the M2/M3 Bradley Fighting Vehicle (BFV).

Description: The general characteristics of the M2/M3 BFV including vehicular weight and dimensions, vehicular performance, mission

Table 3–20
Ordnance subcourses (OD)—Continued

assignment, and the difference between the M2 infantry fighting vehicle and the M3 cavalry fighting vehicle; and the format and use of the pertinent technical publications as they apply to the operation and maintenance of the M2/M3 at unit level. MOS: 63Z. Crd hrs: 6.

Subcourse: OD0460

Title: M1 Abrams Tank: Automotive Test Equipment.

Description: The procedures for the self-test and functional use of the special test equipment STE–M1/FVS; the inspection, hookup, and use of the TS–352 B/U multimeter; and the procedures used to hook up and use the breakout box and multimeter. MOS: 63Z. Crd hrs: 7.

Subcourse: OD0461

Title: Direct Support Electrical System Test Set (DSESTS–M1/FVS).

Description: Procedures to set up the direct support electrical system test set (DSESTS–M1–FVS) and power supply and to adjust the test set to the proper voltage; and the procedures to perform the self-test and shut down the DSESTS and to troubleshoot a line replaceable unit from an M1 tank. MOS: 63Z. Crd hrs: 6.

Subcourse: OD0462

Title: Supervised Maintenance of the M198 Howitzer.

Description: Basic description of the major components of the M198 howitzer and the levels of maintenance responsibility; and maintenance of the cannon assembly, recoil mechanism, elevating mechanism, traversing mechanism, and hydraulic system. MOS: 63Z. Crd hrs: 10.

Subcourse: OD0463

Title: Cannon Tube Evaluation.

Description: Various types of cannon tube deterioration, damage, and condemnation criteria; steps in the use of the pullover gage; steps in the use of the borescope; and the procedures for using DA Form 2408–4. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0465

Title: Digital Circuits and Precision Soldering.

Description: The principles and theory of digital circuits, binary numbers, Boolean algebra, and diode logic gates; and the procedures used to solder, de-solder, and repair electrical and electronic circuits. MOS: 63Z. Crd hrs: 8.

Subcourse: OD0466

Title: Laser Observation Device AN/GVS–5.

Description: Description and identification of the internal functions of the AN/GVS–5 laser observation device, laser safety factors, the function of the test set assemblies, and the operation configuration of the test set TS–3620/GVS–5 with laser AN/GVS–5 attached. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0468

Title: Introduction to the M1 Abrams Tank: Armament.

Description: Skill performance aids manuals as they apply to M1 Abrams tank armament; the purpose and function of the M1 Abrams turret and armament components; the safety precautions to be observed during maintenance of the M1 armament; the M1 special tools used at intermediate direct support and intermediate general support levels of maintenance; and the M1 Abrams tank fire control system's configuration, fire control modes, and major subsystem components. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0469

Title: M2/M3 Bradley Fighting Vehicle Armament.

Description: The characteristics, components, and functions of the M2/M3 turret; the procedures for limited disassembly, inspection, and reassembly of the 25mm M242 automatic gun; the procedures to set up, self-test, and operate the simplified test equipment M1/FVS; the use and operation of the direct support electrical system test set; and the procedures to troubleshoot and repair the turret line replaceable units. MOS: 63Z. Crd hrs: 9.

Subcourse: OD0470

Title: Principles of Electrical Systems—M1 Tank.

Description: The basic principles of electricity, including the composition of matter, magnetism, and the theory and application of Ohm's law; the symbols for and types of electrical circuits; and the safety rules that should be followed when installing and grounding electrical wires and when handling electrical equipment. MOS: 63E. Crd hrs: 8.

Subcourse: OD0471

Title: Principles of the Simplified Test Equipment/M1 Test Set—M1 Tank.

Description: The function and operation of the simplified test equipment M1–FVS test set. Crd hrs: 6.

Subcourse: OD0472

Title: Principles of Gunner's Primary Sight (GPS) and Thermal Sight—M1 Tank.

Description: Identification of components and principles of operation of the gunner's primary sight and the thermal imaging system on the M1 Abrams tank. MOS: 63E. Crd hrs: 6.

Subcourse: OD0474

Table 3–20
Ordnance subcourses (OD)—Continued

Title: Fire Extinguisher System on the M1 Tank.

Description: The components of the fire extinguisher system on the M1 tank and the functioning of this system; and the procedures for troubleshooting the fire extinguisher system. MOS: 63E. Crd hrs: 7.

Subcourse: OD0475

Title: Principles of Hydraulics—M1 Tank.

Description: The principles of hydraulics; and the identification, operation, and function of the components of the M1 Abrams tank hydraulic system. MOS: 63E. Crd hrs: 9.

Subcourse: OD0476

Title: Principles of Starting and Charging Systems—M1 Tank.

Description: The principles, identification, location, and operation of starting and charging systems of the M1 Abrams tank. MOS: 63E. Crd hrs: 7.

Subcourse: OD0477

Title: Principles of Brake System and Parking Brake System—M1 Tank.

Description: The components, principles, and functions of both the service brake and parking brake systems used on the M1 Tank. MOS: 63E. Crd hrs: 5.

Subcourse: OD0478

Title: Principles and Troubleshooting of the Power Train on the M1 Tank.

Description: Principles, functions, and operations of the various power train components; and malfunctions and troubleshooting procedures for the power train on the M1 Abrams tank. MOS: 63E. Crd hrs: 6.

Subcourse: OD0479

Title: Principles and Troubleshooting of the Suspension System—M1 Tank.

Description: The principles of operation, components, and procedures for troubleshooting the suspension system on the M1 Abrams tank. MOS: 63E. Crd hrs: 5.

Subcourse: OD0480

Title: Troubleshooting Auto Self-Test and Cable Disconnect—M1 Tank.

Description: The function and troubleshooting malfunctions of the auto self-test and cable disconnect subsystem in the M1 Abrams tank. MOS: 63E. Crd hrs: 6.

Subcourse: OD0481

Title: Troubleshooting the Computer Subsystem—M1 Tank.

Description: The function and maintenance procedures for the M1 Abrams tank computer subsystem; and the use of charts and fault symptom indexes in troubleshooting the computer subsystem. MOS: 63E. Crd hrs: 5.

Subcourse: OD0482

Title: Troubleshooting Firing Circuit Subsystem—M1 Tank.

Description: Function of the M1 Abrams tank firing circuit subsystem; primary and alternate troubleshooting procedures for the firing circuit subsystem. MOS: 63E. Crd hrs: 6.

Subcourse: OD0483

Title: Troubleshooting Commander's Weapon Station (CWS) Azimuth Drive Subsystem—M1 Tank.

Description: Function of the CWS on the M1 Abrams tank, and primary and alternate troubleshooting procedures for selected malfunctions of the CWS. MOS: 63E. Crd hrs: 6.

Subcourse: OD0484

Title: Troubleshooting Engine System (Electrical Subsystem)—M1 Tank.

Description: The identification, location, description, and operation of the components of the engine electrical subsystem; maintenance associated with the engine electrical subsystem; and troubleshooting procedures that must be followed to locate and isolate the cause of engine electrical subsystem malfunctions on the M1 Abrams tank. MOS: 63E. Crd hrs: 6.

Subcourse: OD0485

Title: Battle Damage Assessment and Repair (BDAR)—M1 Tank.

Description: The BDAR program and the function of the BDAR fault assessment tables. MOS: 63E. Crd hrs: 5.

Subcourse: OD0486

Title: AGT 1500 C Turbine Engine & Principles of the Cooling System—M1 Tank.

Description: The construction, supporting systems, controls, and monitoring devices on the AGT 1500 C turbine engine; and the components and function of the M1 Abrams tank cooling system. MOS: 63E. Crd hrs: 7.

Subcourse: OD0487

Table 3–20
Ordnance subcourses (OD)—Continued

Title: Inlet Guide Vane Assembly on the M1 Tank.

Description: Procedures for removal and installation of the inlet guide vane shouldered shaft and actuator lever and link, and procedures for adjusting the inlet guide vane assembly voltage using the STE–M1/FVS test set. MOS: 63E. Crd hrs: 6.

Subcourse: OD0488

Title: Troubleshooting the Fuel System of the M1 Tank.

Description: The components of and troubleshooting procedures for the fuel supply system of the M1 Abrams tank. MOS: 63E. Crd hrs: 6.

Subcourse: OD0489

Title: Troubleshooting Vehicle/Turret Power Control Subsystem on the M1 Tank.

Description: The components of the vehicle/turret power control (V/TPC) subsystem and their function; and the primary and alternate troubleshooting procedures for the V/TPC. MOS: 63E. Crd hrs: 6.

Subcourse: OD0490

Title: Troubleshooting Azimuth/Elevation Subsystem—M1 Tank.

Description: The components and functions of the azimuth/elevation subsystem (AES), and the primary alternate troubleshooting procedures for the AES. MOS: 63E. Crd hrs: 6.

Subcourse: OD0491

Title: Troubleshooting Auxiliary Hydraulic Subsystem—M1 Tank.

Description: The components and functions of the auxiliary hydraulic subsystem (AHS), and the primary and alternate troubleshooting procedures for the AHS. MOS: 63E. Crd hrs: 5.

Subcourse: OD0606

Title: Repair Parts Supply.

Description: The essentials of the repair parts supply system at organizational level for both automated and manual operations including common causes for delay of receiving repair parts and the relationship between maintenance forms and records and repair parts supply procedures; methods used to obtain repair parts; purpose, preparation, use, and disposition of DA Form 2064 (Document Register for Supply Actions) and DA Form 3318 (Record of Demands-Title Insert); follow-up and cancellation procedures; purpose of and procedures for establishing and maintaining a prescribed load list; repair parts record filing system; and use of complete printouts to administer the automated repair parts supply system. Crd hrs: 15

Subcourse: OD0610

Title: Principles of Automotive Engines.

Description: Characteristics and principles of operation of the 2–stroke and 4–stroke cycle spark and compression ignition engines and purpose, principles of operation, and comparison of gasoline and diesel fuel system components. MOS: 63B. Crd hrs: 3.

Subcourse: OD0611

Title: Principles of Automotive Electricity.

Description: Automotive electricity; magnetism and magnetic induction; and organizational maintenance on storage batteries, including use of the low voltage circuit tester, battery electrolyte tester, and battery charger. MOS: 63B. Crd hrs: 4.

Subcourse: OD0960

Title: Maintenance Management (Staff Level), I.

Description: Maintenance management responsibilities in a combat service support environment; levels of maintenance; relationships of maintenance mission, organizational structure, personnel, and training to the maintenance structure; and establishing priorities for maintenance operations. MOS: 91A, 63Z. Crd hrs: 6.

Subcourse: OD0961

Title: Maintenance Management (Staff Level), II.

Description: Maintenance requirements and capabilities; development, use, and analysis of unit status reports; and resource requirements in support of maintenance program. MOS: 91A, 63Z. Crd hrs: 8.

Subcourse: OD0962

Title: Maintenance Management (Company Level).

Description: Company level maintenance, class IX supply operations, managing the quality control process, and repairable exchange. MOS: 91A, 63Z. Crd hrs: 8.

Subcourse: OD0966

Title: Intermediate Support (IDS/IGS), II.

Description: Organization for intermediate direct support (IDS) operations, and intermediate general support (IGS) operations. MOS: 91A, 63Z. Crd hrs: 7.

Subcourse: OD0967

Title: Depot Maintenance Operations.

Table 3–20
Ordnance subcourses (OD)—Continued

Description: The Army's depot level maintenance operations and the organization, mission, and functions of the depot system. MOS: 91A, 63Z. Crd hrs: 9.

Subcourse: OD0968

Title: Tactical Operations, I.

Description: Command and control of a maintenance unit in a tactical environment. MOS: 91A, 63Z. Crd hrs: 6.

Subcourse: OD0969

Title: Tactical Operations, II.

Description: Rear operations, tactical considerations necessary to provide maintenance support, Battlefield Damage Assessment and Repair, and reconstitution responsibilities, planning, and execution. (Prerequisite: OD0968.) MOS: 91A, 63Z. Crd hrs: 5.

Subcourse: OD0971

Title: Service Section.

Description: The mission and duties of service section personnel, the use of service section equipment, and safety precautions required when operating service section equipment. MOS: 91A, 63Z. Crd hrs: 8.

Subcourse: OD0973

Title: Motor Pool Operations.

Description: Procedures used to request, recommend changes to, review publications, and maintain a publications library; potential safety hazards associated with maintenance operations, and procedures for safety education, training, and management; procedures for setting up and operating the power generation site; methods used to supervise the Army Oil Analysis Program; methods of supervision and management used by motor officers in the operation of motor pools; and supervisory procedures associated with recovery operations. MOS: 91A, 63Z. Crd hrs: 6.

Subcourse: OD1001

Title: Wheeled Vehicle Engines.

Description: The fundamentals of spark ignition and compression ignition engines; inspecting, testing, and troubleshooting procedures for engines; principles of engine lubrication and crankcase ventilation systems; and the principles of engine liquid cooling systems. MOS: 63B. Crd hrs: 8.

Subcourse: OD1002

Title: Wheeled Vehicle Electrical Systems (Part I).

Description: The fundamentals of automotive electrical systems to include circuits, batteries; and the fundamentals and use of electrical test equipment. MOS: 63B. Crd hrs: 5.

Subcourse: OD1003

Title: Wheeled Vehicle Electrical Systems (Part II).

Description: The principles of AC and DC generators and regulators; the application of the fundamentals of electricity to starting system components and to the components of wheeled vehicle battery ignition systems; and the principles of vehicle electrical accessory systems. MOS: 63B. Crd hrs: 5.

Subcourse: OD1004

Title: Wheeled Vehicle Fuel and Exhaust Systems.

Description: The fundamentals of gasoline engine fuel systems, compression ignition engine fuel systems, and engine exhaust systems. MOS: 63B. Crd hrs: 5.

Subcourse: OD1005

Title: Wheeled Vehicle Clutches, Transmissions, and Transfers.

Description: The fundamentals of gears and gear trains, friction type clutches, manual transmissions, and power take-offs, automatic transmissions, and transfer cases. MOS: 63B. Crd hrs: 5.

Subcourse: OD1006

Title: Wheeled Vehicle Drive Lines, Axles, and Suspension Systems.

Description: The construction, operation, and maintenance of propeller shafts and universal joints; the construction, operation, lubrication, and maintenance of axle assemblies; types and principles of axle shafts; principles of bevel gear differentials; and the construction, operation, and maintenance of springs, shock absorbers, frames, bogie suspension systems, tires, and wheels. MOS: 63B. Crd hrs: 5.

Subcourse: OD1007

Title: Wheeled Vehicle Steering Systems.

Description: The construction, operation, and inspection of mechanical steering linkages and the principles of steering geometry; and the principles, operation, construction, and inspection of power steering systems. MOS: 63B. Crd hrs: 5.

Subcourse: OD1008

Title: Wheeled Vehicle Brake Systems.

Table 3–20
Ordnance subcourses (OD)—Continued

Description: The principles of automotive brake systems and the construction and operation of mechanical and hydraulic brake systems; the principles, construction, and operation of air-hydraulic brake systems and straight air brake systems. MOS: 63B. Crd hrs: 5.

Subcourse: OD1009

Title: Maintenance Procedures.

Description: Introduction to preventive maintenance services; preparation of unit level maintenance forms and records; intermediate direct support maintenance procedures; organizational maintenance of auxiliary power generators; and recovery operations. MOS: 63B. Crd hrs: 10.

Subcourse: OD1401

Title: Precision Measuring Instruments.

Description: The proper care, storage, and handling of the vernier caliper, the outside micrometer, and the depth micrometer; and interpreting readings on and taking measurements with these instruments. MOS: 45K. Crd hrs: 5.

Subcourse: OD1402

Title: Basic Oscilloscope.

Description: The controls, indicators, and the initial set-up procedures, and the proper procedures for measuring voltage amplitude and frequency using the screen grids of the AN/USM–281C oscilloscope. MOS: 45K. Crd hrs: 5.

Subcourse: OD1403

Title: Shop Safety.

Description: The Army Safety Program and general shop safety procedures. MOS: 45K. Crd hrs: 5.

Subcourse: OD1501

Title: Maintenance of the M60 Machine Gun.

Description: The characteristics of the M60 machine gun and the procedures for operating the weapon; and inspection and maintenance procedures authorized at operator, unit, and intermediate direct support levels. MOS: 45K. Crd hrs: 6.

Subcourse: OD1502

Title: Maintenance of the M240 Series Machine Gun.

Description: The characteristics and operating procedures for the M240 series machine gun; the cleaning, inspection, and maintenance of the weapon at operator level; the inspection, cleaning, lubrication, and repair of the weapon at unit maintenance level; and the more detailed inspections and repairs at the intermediate direct support level of maintenance. MOS: 45K. Crd hrs: 7.

Subcourse: OD1503

Title: Maintenance of the M2 Machine Gun.

Description: The components, operation, inspection, and maintenance procedures of the M2 machine gun. MOS: 45K. Crd hrs: 7.

Subcourse: OD1505

Title: Maintenance of the M249 Machine Gun.

Description: The operation of the M249 machine gun and the maintenance and inspection procedures needed to maintain the machine gun at the operator, unit, and intermediate direct support levels. MOS: 45K. Crd hrs: 6.

Subcourse: OD1506

Title: Maintenance of the M242 Automatic Gun.

Description: Operation of the M242 automatic gun and maintenance procedures for the feeder assembly, the recoil mechanism, and the damper assembly. MOS: 45K. Crd hrs: 7.

Subcourse: OD1508

Title: Maintenance of the M198 Howitzer.

Description: Characteristics and operations of the M198 howitzer; and intermediate direct support inspection, repair, and maintenance procedures for the M198 howitzer cannon assembly; the recoil mechanism, the elevating and traversing mechanism, and the hydraulic system. MOS: 45K. Crd hrs: 7.

Subcourse: OD1512

Title: Artillery Battlefield Damage Assessment and Repair.

Description: Procedures for assessing and repairing battlefield damaged artillery. MOS: 45K. Crd hrs: 6.

Subcourse: OD1601

Title: Maintenance of the M113A1/A2 Personnel Carrier.

Description: Operation, function, and PMCS of the M113A1/A2; and inspection procedures for the power plant, fuel, electrical, and brake systems. MOS: 63T. Crd hrs: 7.

Subcourse: OD1603

Title: M2/M3 Bradley Fighting Vehicle: Engine Starting/Charging System.

Table 3–20
Ordnance subcourses (OD)—Continued

Description: Procedures for troubleshooting, fault isolating, and correcting malfunctions occurring in the engine starting/charging system of the Bradley Fighting Vehicle at unit maintenance level. MOS: 63T. Crd hrs: 6.

Subcourse: OD1604

Title: M2/M3 Bradley Fighting Vehicle: Gear Selection System.

Description: Procedures for troubleshooting the gear selection system to include fault isolation, removal and installation of the upper gear selector control box and assemblies, and adjusting the gear shift and clutch linkage on the M2/M3 BFV. MOS: 63T. Crd hrs: 7.

Subcourse: OD1605

Title: M2/M3 Bradley Fighting Vehicle: Steering System.

Description: Troubleshooting procedures for the M2/M3 BFV steering system and fault isolation. MOS: 63T. Crd hrs: 6.

Subcourse: OD1606

Title: M2/M3 Bradley Fighting Vehicle: Hull Power Distribution System.

Description: The components of the BFV, and troubleshooting and maintenance procedures for the hull power distribution system. MOS: 63T. Crd hrs: 5.

Subcourse: OD1607

Title: M2/M3 Bradley Fighting Vehicle: Fire Suppression System.

Description: Components of the M2/M3 BFV fire suppression system and specific procedures for performing representative maintenance tasks on the system; general procedures for troubleshooting the fire suppression system, and specific procedures for hooking up test equipment and troubleshooting the fire suppression system. MOS: 63T. Crd hrs: 7.

Subcourse: OD1608

Title: M2/M3 Bradley Fighting Vehicle: Fire Control System.

Description: Boresighting procedures for the M2/M3 BFV fire control system; and procedures for hooking up and self-testing the STE–M1/FVS test set and for performing three fire control maintenance tests. MOS: 63T. Crd hrs: 10.

Subcourse: OD1609

Title: M2/M3 Bradley Fighting Vehicle: Turret.

Description: The controls for operating the turret and TOW launcher and loading the 25mm automatic gun assembly; replacement procedures for the gun elevation drive gearbox, the handwheel drive chain, the turret traverse gearbox, and the encoder and slip ring assembly; and the operation of the STE–M1/FVS test set. MOS: 63T. Crd hrs: 10.

Subcourse: OD1610

Title: M2/M3 Bradley Fighting Vehicle: Troubleshooting.

Description: Techniques of logical troubleshooting; procedures for diagnosing malfunctions and completing DA Form 2404; and procedures for troubleshooting the turret system. MOS: 63B. Crd hrs: 7.

Subcourse: OD1615

Title: Introduction to High Mobility Multipurpose Wheeled Vehicle (HMMWV).

Description: The basic characteristics and operation of the HMMWV family of vehicles and the 6.2 liter diesel engine; the drive train and suspension system; the brake/steering system; and the electrical system. MOS: 63B. Crd hrs: 6.

Subcourse: OD1616

Title: Troubleshooting the High Mobility Multipurpose Wheeled Vehicle (HMMWV).

Description: Procedures used to troubleshoot the mechanical and electrical systems on the high mobility multipurpose wheeled vehicles (HMMWV); and procedures used to troubleshoot these systems using STE/ICE. MOS: 63B. Crd hrs: 7.

Subcourse: OD1617

Title: Troubleshoot Electrical System (Glow Plugs and Cold Start Advance) on an M998 HMMWV.

Description: Procedures used to troubleshoot the electrical system including the glow plugs and the cold start advance on the M998 HMMWV; and the procedures for completing DA Form 2404. MOS: 63B. Crd hrs: 5.

Subcourse: OD1618

Title: Introduction to and Unit Level Troubleshooting of the M981 Fire Support Team Vehicle (FISTV).

Description: Description and location of the major components, operator, and unit level troubleshooting procedures for the audible alert laser designator rangefinder, the digital message device, and the targeting station control and display of the M981 fire support team vehicle. MOS: 63B. Crd hrs: 7.

Subcourse: OD1619

Title: Principles of Internal Combustion Engines.

Description: The principles, components, and operation of gasoline and diesel engines, turbochargers and intake, exhaust, lubrication, and cooling systems. MOS: 63T. Crd hrs: 7.

Table 3–20
Ordnance subcourses (OD)—Continued

Subcourse: OD1620

Title: Principles of Gasoline and Diesel Fuel Systems.

Description: Function and construction of gasoline and diesel fuel systems. MOS: 63T. Crd hrs: 6.

Subcourse: OD1621

Title: Use and Care of Hand Tools and Measuring Tools.

Description: Safety procedures for hand tools and power tools; use and care of edged and nonedged hand tools and measuring tools. MOS: 63B. Crd hrs: 10.

Subcourse: OD1622

Title: Battlefield Damage Assessment and Repair.

Description: Procedures for assessing and repairing the hull and turret systems on a battlefield damaged combat vehicle. MOS: 63T. Crd hrs: 7.

Subcourse: OD1630

Title: Fire Control Instruments: Off–Carriage—Part I.

Description: The use, operation, inspection, and maintenance procedures for the M1A1 gunner's quadrant and the M1 collimator. MOS: 913A. Crd hrs: 7.

Subcourse: OD1631

Title: Fire Control Instruments: Off–Carriage—Part II.

Description: Use, inspection, and maintenance of the M19 binocular and the M2 aiming circle. MOS: 913A. Crd hrs: 10.

Subcourse: OD1632

Title: Fire Control Instruments: Indirect.

Description: The use, function, inspection procedures, and basic maintenance procedures for panoramic telescopes and telescope mounts. MOS: 913A. Crd hrs: 7.

Subcourse: OD1633

Title: Basic Electronics.

Description: The elements of electricity, safety requirements, voltage, current, resistance functions, Ohm's law, resistor color codes, measuring and computing voltage, and series, parallel and series parallel circuits. MOS: 913A. Crd hrs: 6.

Subcourse: OD1640

Title: Machine Shop Calculation.

Description: Procedures for solving problems involving addition, subtraction, multiplication and division of fractions and decimals, and conversion of fractions to decimals and decimals to fractions; conversion of linear measurements from the English to the metric system and vice-versa; and for solving problems using ratio, proportion, and trigonometry. MOS: 914A. Crd hrs: 11.

Subcourse: OD1641

Title: Principles of Drafting and Shop Drawing.

Description: The principles and fundamentals of drafting and shop drawing to include: orthographic projection, geometric construction, types of pictorial drawing, dimensioning, and sketching. MOS: 914A. Crd hrs: 6.

Subcourse: OD1642

Title: Precision Measuring and Gaging.

Description: The types of fits, tolerances, and allowances; and the proper use and care of precision measuring tools used in the machinist trade. MOS: 914A. Crd hrs: 6.

Subcourse: OD1643

Title: Metal Properties, Characteristics, Uses, and Codes.

Description: The physical and mechanical properties and categories of various metals, procedures for using hardness testers, chemical analysis, bench grinders, simple shop tests, the numerical index system, and color codes for identifying various metals. MOS: 914A. Crd hrs: 6.

Subcourse: OD1644

Title: Milling Machine Operations.

Description: The setup, operation, and adjustments of the milling machine; and the types, nomenclature, and use of milling cutters. MOS: 914A. Crd hrs: 6.

Subcourse: OD1645

Title: Lathe Operations.

Description: The use of the lathe to include safety; the use, repair, and adjustment of lathe attachments; and various thread forms, use, calculations, and machining techniques. MOS: 914A. Crd hrs: 7.

Table 3–20
Ordnance subcourses (OD)—Continued

Subcourse: OD1646

Title: Band Saw Operations.

Description: The use of the band saw, to include a functional description of the band saw machine and the methods used to correctly operate this machine; the procedures used to maintain the band saw machine; and the methods used to troubleshoot band saw malfunctions. MOS: 914A. Crd hrs: 7.

Subcourse: OD1647

Title: Electronic Principles.

Description: Magnetism, inductive and capacitive circuits, and how alternating current is produced; the fundamentals of semiconductors, including positive-negative-positive and negative-positive-negative transistors; and the AN/VSM–281C oscilloscope including its setup, operation and use. MOS: 913A. Crd hrs: 7.

Subcourse: OD1650

Title: Welding Theory.

Description: The interpretation and use of welding symbols on shop drawings. MOS: 914A. Crd hrs: 6.

Subcourse: OD1651

Title: Welding Operations—Part I.

Description: The methods for classifying electrodes by type and intended uses; automotive welding processes, materials, and identification processes; the types and techniques of joint design; the theory, principles, and procedures of welding armor plate; the methods of destructive and nondestructive testing of welds; and troubleshooting procedures. MOS: 914A. Crd hrs: 6.

Subcourse: OD1653

Title: Metal Body Repair.

Description: Various operations required to repair damaged vehicles and specific operations required to repair glass, radiators, and fuel tanks. MOS: 914A. Crd hrs: 7.

Subcourse: OD1654

Title: Welding Operations—Part II.

Description: Inert gas and gas metal-arc welding principles, operations, equipment, nomenclature, and safety precautions; and procedures for troubleshooting welding equipment and determining methods of repair. MOS: 44A. Crd hrs: 6.

Subcourse: OD1660

Title: Maintenance of Forklifts.

Description: The operation, safety practices, and maintenance problems relating to the rough terrain 6,000–pound capacity forklift and to the articulated 4,000–pound capacity forklift. MOS: 63B. Crd hrs: 6.

Subcourse: OD1661

Title: Maintenance of the M939 Series Vehicles.

Description: The characteristics, operation, and maintenance problems common to the M939 family of vehicles. MOS: 63B. Crd hrs: 5.

Subcourse: OD1662

Title: Maintenance of the Heavy Expanded Mobility Tactical Truck (HEMTT).

Description: The features and characteristics of the HEMTT and the procedures for troubleshooting malfunctions in the various systems of the HEMTT. MOS: 63B. Crd hrs: 5.

Subcourse: OD1672

Title: Maintenance of the M88A1.

Description: Description of the M88A1 recovery vehicle; operation of the suspension system components; procedures for track, sprocket, and roadwheel classification; construction, maintenance, repair, adjustment, and troubleshooting of various M88A1 systems to include the cooling, fuel, exhaust, and air intake systems; the construction, maintenance, operation, capabilities, repair, and troubleshooting of the M88A1 auxiliary power unit, and troubleshooting of the M88A1 electrical system. MOS: 63D. Crd hrs: 10.

Subcourse: OD1700

Title: Maintenance of the Automatic Fire Extinguisher System (AFES), M992 Ammunition Carrier.

Description: The AFES system, subsystem location, how to activate/deactivate the system, and how to remove and install components. MOS: 45D. Crd hrs: 5.

Subcourse: OD1702

Title: Troubleshooting the Auxiliary Power Unit (APU) M992 Carrier, Ammunition, Tracked (CAT).

Description: Troubleshooting procedures used to identify malfunctions of the APU on the M992 CAT. MOS: 63D. Crd hrs: 5.

Subcourse: OD1703

Title: Introduction, Maintenance, and Troubleshooting of the Primary/Backup Hydraulic System on the M992 Ammunition Carrier.

Table 3–20
Ordnance subcourses (OD)—Continued

Description: Identify components, perform maintenance procedures, and troubleshoot the primary/backup hydraulic system. MOS: 45D. Crd hrs 7.

Subcourse: OD1705

Title: NBC Protection System M1A1 Series Tank.

Description: Introduction, major components and description of operation of the NBC Protection System. MOS: 63H. Crd hrs: 6.

Subcourse: OD1706

Title: Wiring Diagrams, M1A1 Tank.

Description: Introduction and explanation of reading and interpreting the information on the M1A1 wiring diagrams and how to trace circuits using the wiring diagrams. MOS: 63H. Crd hrs: 5.

Subcourse: OD1707

Title: Removal of the Accessory Gearbox and Forward Engine Module of the AGT Turbine Engine.

Description: Steps and procedures to remove the accessory gearbox and forward engine module of the AGT turbine engine. MOS: 63H. Crd hrs: 5.

Subcourse: OD1708

Title: Installation of the Forward Engine Module and Accessory Gearbox of the AGT Turbine Engine.

Description: Installation steps and procedures of the forward engine module and accessory gearbox of the AGT turbine engine. MOS: 63H. Crd hrs: 5.

Subcourse: OD1709

Title: Ground Hop Procedures, M1 Abrams Tank.

Description: M1 Abrams Tank power pack removal and the procedures for ground hop once the power pack has been removed from the tank. MOS: 63H. Crd hrs: 5.

Subcourse: OD1710

Title: Introduction to the X–1100—3B Transmission, M1A1 Abrams Tank.

Description: General information, description and operating characteristics to include hydraulic system and final drives of the X–1100–3B transmission. MOS: 63H. Crd hrs: 7.

Subcourse: OD1711

Title: Troubleshooting the X–1100–3B Transmission, M1A1 Abrams Tank (Organizational Maintenance).

Description: Steps and procedures used to troubleshoot the X–1100–3B transmission at the organizational maintenance level. MOS: 63H. Crd hrs: 8.

Subcourse: OD1712

Title: Introduction to the M113A3 Armored Personnel Carrier.

Description: Introduces the M113A3 armored personnel carrier and the differences between it and the previous models to include power train, charging system, crew controls, and hull modifications. MOS: 63H. Crd hrs: 5.

Subcourse: OD1713

Title: Introduction to the 6V53T Engine (Model #5393).

Description: Major components and operational characteristics of the 6V53T engine. MOS: 63H. Crd hrs: 6.

Subcourse: OD1714

Title: Introduction to the X–200–4 Transmission, M113A3.

Description: Transmission functions and major components to include steering, braking, drive power and safety precautions. MOS: 63H. Crd hrs: 5.

Subcourse: OD1715

Title: Troubleshooting the X–1100–3B Transmission, M1A1 Tank (Direct and General Support Maintenance).

Description: Steps and procedures used to troubleshoot the X–1100–3B transmission at the direct and general support maintenance levels. MOS: 63H. Crd hrs: 5.

Subcourse: OD1716

Title: Troubleshooting the AN/GVS–5 Laser Observation Device Test Set, TS–3620.

Description: Functional operation, troubleshooting and maintenance of the LR test set at the organizational and direct support maintenance levels. MOS: 45G. Crd hrs: 5.

Subcourse: OD1720

Title: Introduction to the Ground/Vehicular Laser Locator Designator (G/VLLD).

Table 3–20**Ordnance subcourses (OD)—Continued**

Description: Identifies the major components and their basic purpose and provides assembly procedures for use at the organizational level. MOS: 45D. Crd hrs: 5.

Subcourse: OD1721

Title: Controls and Functions of the Ground/Vehicular Laser Locator Designator (G/VLLD).

Description: Controls, purpose and functional operation of the components and assemblies of the G/VLLD. MOS: 45D. Crd hrs: 5.

Subcourse: OD1722

Title: Troubleshooting the Ground/Vehicular Laser Locator Designator (G/VLLD).

Description: Components, controls, inspection, maintenance, testing, and troubleshooting procedures for the G/VLLD. MOS: 45D. Crd hrs: 5.

Subcourse: OD1725

Title: Basic Schematic Interpretation.

Description: Symbols as used in circuit schematics, typical component characteristics, and procedures for wire tracing in a circuit. MOS: 45G. Crd hrs: 5.

Subcourse: OD1737

Title: Maintenance and Troubleshooting of the Conveyor Assembly on the M992 Ammunition Carrier.

Description: Identify components, perform maintenance procedures, and troubleshoot the conveyor assembly. MOS: 45D. Crd hrs: 5.

Subcourse: OD1747

Title: Refrigeration and Air Conditioning I.

Description: Fundamentals of electricity, motors, circuit protectors, troubleshooting, and safety; maintenance of the gasoline engine; physics of refrigeration; explanation of the characteristics of refrigerants. MOS: 52C. Crd hrs: 10.

Subcourse: OD1748

Title: Refrigeration and Air Conditioning II.

Description: Construction and components of commercial refrigeration systems including troubleshooting, repairs, and safety; defrosting, pressure tests, and the use of measuring tools; components and operating principles of cold storage and ice plants; the installation and operation of vehicle refrigeration units. MOS: 52C. Crd hrs: 14.

Subcourse: OD1749

Title: Refrigeration and Air Conditioning III.

Description: Undesirable properties of air and special equipment to combat and eliminate them; temperatures and airflows and their measuring devices; installation of self-contained package air conditioning units and air duct system; evaporative cooling and mechanical ventilation systems. MOS: 52C. Crd hrs: 18.

Subcourse: OD1750

Title: Refrigeration and Air Conditioning IV.

Description: The direct expansion, the absorption, and the centrifugal systems including piping and accessories and leak-testing procedures; the use of water in air conditioning systems; the installation, alignment and operating and maintenance of water pumps; electronic controls and electronic control systems. MOS: 52C. Crd hrs: 14.

Table 3–21**Public Affairs subcourses (PA)**

Subcourse: PA0100

Title: Introduction to Army Public Affairs.

Description: Introduces basic students to Army public affairs. MOS: 46Q/R. Crd hrs: 10.

Subcourse: PA0110

Title: Introduction to Command Information.

Description: Introduction to command information, one of the three functional areas of public affairs. MOS: 46Q/R. Crd hrs: 10.

Subcourse: PA0120

Title: Introduction to Public Information.

Description: Introduction to public information, one of the three functional areas of public affairs. MOS: 46Q/R. Crd hrs: 10.

Table 3–22
Army Training Support Center subcourses (PD)

Subcourse: PD2201

Title: Reading Comprehension, Study Methods, and Management.

Description: How to read more effectively by increasing reading rate and comprehension; develop good study habits and apply appropriate study methods; use goal setting, backward planning, and scheduling to manage your time more effectively; use management skills to improve your leadership potential. Crd hrs: 4.

Subcourse: PD2202

Title: Math Skills.

Description: Comprehensive review of basic mathematical operations with whole numbers, fractions, and decimals; computing area and volume; and using ratios and proportions. Crd hrs: 5.

Subcourse: PD2203

Title: Writing Mechanics and Composition.

Description: A review of writing and composition skills needed to function effectively as a noncommissioned officer. Includes spelling, abbreviation, capitalization, punctuation, Army writing, and composition. Crd hrs: 6.

Subcourse: PD2301

Title: Principles of Communication.

Description: Lessons discuss basic communicative process and common barriers to effective communications, effective listening, feedback, ways to improve speaking and writing skills, and information on information management systems. Crd hrs: 3.

Subcourse: PD2302

Title: Behavioral Sciences.

Description: Lessons discuss individual behavior, human resource development, and team development and the role of leader in that process. Crd hrs: 3.

Subcourse: PD2303

Title: Briefing and Visual Presentations.

Description: Information on different types and purposes of military briefings, steps used in their preparation, communicative skills needed to be an effective briefer, and methods for making suitable presentation images. Crd hrs: 3.

Subcourse: PD2401

Title: Advanced Skills in Communications.

Description: Information for writing better subjective portions of the NCOER, (DA Form 2166-7), reviewing written material for content, organization and clarity, and for preparing desktop (electronic) presentations. Crd hrs: 5.

Table 3–23
School of Military Packaging (PT)

Subcourse: PT1300

Title: Defense Basic Preservation and Packing.

Description: Covers DOD packaging policies and their effect on specifications and standards concerning cleaning, drying, preservation, cushioning, blocking, bracing, marking, packaging, and unitization of cargo. Crd hrs: 64.

Subcourse: PT3200

Title: Defense Marking for Shipment and Storage.

Description: Current requirements and procedures for the uniform marking of military supplies and equipment for shipment and storage, with emphasis on the problem areas that give rise to frequent reports of marking errors and deficiencies. Crd hrs: 22.

Subcourse: PT4000

Title: Defense Packaging Data Systems(Code Interpretation).

Description: Trains military civilian personnel of the Department of Defense and qualified members of industry in the proper interpretation of packaging data codes from MIL-STD-2073-1D, Standard Practice for Military Packaging. Addresses the applicability, interpretation, and codification of the requirement of MIL-STD-2073-1D. Crd hrs: 16.

Subcourse: PT5000

Title: Hazardous Materials Handling.

Description: Trains students to recognize and properly mark and label shipments of hazardous materials. Discusses compatibility and segregation of these materials and how to react in emergency situations when hazardous materials are involved. Crd hrs: 7.

Subcourse: PT6000

Title: Packaging and Handling of Electrostatic Sensitive Items.

Description: Provides an understanding of the basic theory of static electricity and its effect upon ESD sensitive items. Stresses the need for

Table 3–23
School of Military Packaging (PT)—Continued

ESD work stations that can save millions of dollars. Explains protective handling, packaging, marking and labeling of these devices. Crd hrs: 8

Table 3–24
Quartermaster subcourses (QM)

Subcourse: QM0113

Title: Basic Mathematics I (Addition, Subtraction, Multiplication, and Division).

Description: Basic principles of simple addition, subtraction, multiplication, and division of whole numbers; problem solving; short division; multiplication tables; addition and subtraction of fractions and mixed numbers. MOS: 77F. Crd hrs: 3.

Subcourse: QM0114

Title: Basic Mathematics II (Decimal Fractions).

Description: Basic principles of addition, subtraction, multiplication, and division of numbers containing up to four decimal places; conversion of percent to decimal fractions and decimal fractions to percents. MOS: 77F. Crd hrs: 3.

Subcourse: QM0115

Title: Basic Mathematics III (Area Volume).

Description: Basic principles and formulas used in solving problems in area and volume which are of primary interest to supply and service personnel. MOS: 77F. Crd hrs: 4.

Subcourse: QM0116

Title: Basic Mathematics IV (Ratio and Proportion).

Description: Basic concepts of ratio and proportion to include the definition of terms; methods of applying the rules and problem solving. MOS: 77F. Crd hrs: 1.

Subcourse: QM0197

Title: Concepts of Supply in the Theater of Operations.

Description: A conceptual overview of the supply management structure within the theater of operations. Provides the structural foundation for the subcourses on general supply operations, ammunition supply operations and repair parts supply operations. MOS: 76Z. Crd hrs: 5.

Subcourse: QM0311

Title: History and Tradition of the Quartermaster Corps.

Description: Organization, growth, and highlights of Quartermaster activities from the Revolutionary War to present and the role of the Quartermaster Corps in carrying out its activities. MOS: 76Z50. Crd hrs: 1.

Subcourse: QM0312

Title: Subsistence Cataloging.

Description: Selection and use of subsistence catalogs for finding specification number, item description, conversion factor, units of issue, current price, standard pallet load, and other information for subsistence items; and computation of the weight in pounds of unit of issue quantities for various subsistence items. Crd hrs: 5.

Subcourse: QM0327

Title: Identify the Principles of Airdrop Logistics.

Description: Teaches airdrop staff planners the principles of airdrop resupply operations to include types and methods of airdrop; organization and capabilities of airdrop support units; airdrop support responsibilities; airdrop request procedures; recovery and evacuation procedures; and general planning considerations. Crd hrs: 5.

Subcourse: QM0333

Title: Basic Food Preparation.

Description: Control of quality in basic food preparation; the preparation of various food items with methods of controlling the quality and guidelines for judging the quality of the finished products; identification of foods that can be served as leftovers; and suggestions for serving leftovers as palatable food items. MOS: 92G. Crd hrs: 13.

Subcourse: QM0424

Title: Introduction to Force Provider and the Quartermaster Force Provider Company.

Description: Discusses the concepts and general operation of the Force Provider system and the Quartermaster Force Provider Company. The course is designed for the supervisors and leaders of the Force Provider Company. It discusses the duties and responsibilities of assigned personnel and provides an overall view of the Force Provider module and its subsystems. The course covers the fundamentals for deploying, operating, and redeploying Force Provider. Crd hrs: 2.

Subcourse: QM0433

Title: Field Kitchen Operations—Part II.

Table 3–24
Quartermaster subcourses (QM)—Continued

Description: Description, capabilities, operation, and safety precautions for the M59 range, M2 burner unit, immersion heater, gasoline lantern, insulated food container, and water sterilizing bag; and food preparation, serving, and sanitation. MOS: 92G. Crd hrs: 4.

Subcourse: QM0453

Title: Food Service Equipment and Operation.

Description: Operation, maintenance, and utilization of garrison food service equipment; utilization and identification of food serving and preparation utensils; identification of food conditions, including frozen foods, fresh fruits and vegetables, meats, fish, poultry, dairy products, dry stores, and canned goods; and reporting unsatisfactory subsistence. MOS: 92G. Crd hrs: 5.

Subcourse: QM0454

Title: Food Preparation—Part I.

Description: Common working procedures; important terms; utilization of recipes; preparation of beverages, breakfast foods, meat, poultry, seafood, paste products, and dessert and other pastry. MOS: 92G. Crd hrs: 7.

Subcourse: QM0456

Title: Pastry Baking.

Description: Introduction to pastry baking in garrison dining facilities and central pastry kitchens; preparation, baking, and finishing of pies, cakes, rolls, cookies, and quick breads, to include the detection and correction of possible faults; and sanitation and safety required in bakery production. MOS: 92G. Crd hrs: 6.

Subcourse: QM0471

Title: Preparation and Serving of Special Food Items.

Description: Menu planning, preparation, and serving of special food items; planning and serving of buffets; preparing centerpieces; arrangement of beverages, food, tables, and utensils; preparing and serving canapes and hors d'oeuvres; and selecting and preparing pastries. MOS: 92G. Crd hrs: 4.

Subcourse: QM1001

Title: Inspection of Airdrop Equipment.

Description: Discusses four types of inspections for airdrop equipment; preventive maintenance checks and services; procedures, frequencies, and inspector qualifications. Crd hrs: 3.

Subcourse: QM1002

Title: Perform Duties of a Malfunction NCO.

Description: Teaches parachute riggers the steps and procedures necessary to perform the duties of a malfunction NCO. Crd hrs: 3.

Subcourse: QM1003

Title: Site Selection and Setup of an Airdrop Rigging, Parachute Packing, and Equipment Repair Activity.

Description: Teaches parachute riggers the steps and procedures necessary to select a site and set up an airdrop rigging, parachute packing, and equipment repair activity. Crd hrs: 3.

Subcourse: QM2000

Title: Account for Absentee's Clothing and Equipment.

Description: Account for and secure individual's clothing and equipment. MOS: 92Y. Crd hrs: 2.

Subcourse: QM2001

Title: Disposal of Absentee's Clothing and Equipment.

Description: Dispose of individual's clothing and equipment. MOS: 92Y. Crd hrs: 2.

Subcourse: QM2002

Title: Account for Bulk Petroleum.

Description: Accounting procedures for petroleum, oil, and lubricant balances to include preparing property book pages, posting receipts, reviewing daily postings to DA Form 3644 (Monthly Abstract of Issues of Petroleum Products and Operating Supplies), and posting total issues from the DA Form 3644 to the property book page. MOS: 92Y. Crd hrs: 3.

Subcourse: QM2003

Title: Adjust Quantity of Bulk Petroleum at the End of the Month.

Description: Adjustment procedures for petroleum, oil, and lubricant balances include inventory computation of allowable losses, preparation of DA Form 444 (Inventory Adjustment Report (IAR)), and posting the loss to the property book. MOS: 92Y. Crd hrs: 1.

Subcourse: QM2004

Title: Prepare a Materiel Condition Status Report.

Description: Procedures for preparing, maintaining, and distributing DA Form 2406. MOS: 92Y. Crd hrs: 2.

Subcourse: QM2021

Title: Request and Post Changes to Equipment Portion of Authorization Document.

Table 3–24
Quartermaster subcourses (QM)—Continued

Description: Procedures for preparing requests for changes and making the approved posting to equipment authorization documents. MOS: 92Y. Crd hrs: 2.

Subcourse: QM2063

Title: Accounting for Property—Part I.

Description: Preparing and maintaining the manual property book; reviewing and processing administrative adjustment reports; and accounting for lost, damaged, or destroyed property. Crd hrs: 13.

Subcourse: QM2064

Title: Accounting for Property—Part II.

Description: Storage operations; inventory procedures; requesting and turning in ammunition; preparation of equipment transfer, loss, or gain reports; update of unit supply status list or cards; and supervision of unit supply operations. Crd hrs: 10.

Subcourse: QM2350

Title: Develop Storage Plans for Field Storage Operations.

Description: Develop storage plans for field storage operations. MOS: 76V. Crd hrs: 1.

Subcourse: QM2900

Title: Evaluate Supply Performance Indicators and Reports.

Description: Evaluate supply performance and identify discrepancies in listings and procedures within DS4. Crd hrs: 3.

Subcourse: QM2902

Title: Evaluate Warehousing Operations.

Description: Information on eliminating backlogs, principles of storage, safety and fire program, and conducting and processing physical inventories. Also covers materiel receipts and document processing procedures. Crd hrs: 5.

Subcourse: QM2903

Title: Provide Logistics Input for the Administrative or Logistics Order.

Description: Prepare a logistics estimate, an administrative logistics plan or order, and a service support annex of an OPORD. Crd hrs: 3.

Subcourse: QM2907

Title: Manage Warehouse Operations.

Description: Information on performing proper PMCS on materials handling equipment, evaluating preservation and repacking operations, reviewing storage plans for storage operations, performing quality assurance inspections for supplies in storage activities, and reviewing the processing and handling of hazardous materials. Crd hrs: 5.

Subcourse: QM2908

Title: Manage Subsistence Supply Support.

Description: Develop a plan for the management of Class I resources to support your organization's mission. Crd hrs: 3.

Subcourse: QM2911

Title: Supervise Automated Support Operations.

Description: Supervise SARSS–1(I) operations and operate LOGMARS(T) equipment; perform files recovery and make sure storage support operations are conducted correctly. Crd hrs: 3.

Subcourse: QM2912

Title: Supervise Storage and Sling Load Operations.

Description: Supervise storage and sling operations. Crd hrs: 4.

Subcourse: QM2913

Title: Subsistence Support.

Description: Select a site to establish a class I supply point, supervise the receipt, storage and issue of subsistence from the class I supply point, and provide direct support for class I requirements. Crd hrs: 3.

Subcourse: QM2918

Title: Preservation, Packaging, and Packing of Items of Supply.

Description: Trains automated logistical specialists on the basic procedures for preservation, packaging, and packing of supply items to include use of temporary preservatives. MOS: 92A. Crd hrs: 3.

Subcourse: QM2919

Title: Receive, Store, Issue, and Ship General Supplies.

Description: How to receive, store, issue, and ship supplies in a garrison or field environment for class II, class III (packaged), class IV, class VII, and class IX supplies to include hazardous items. MOS: 92A. Crd hrs: 4.

Subcourse: QM2920

Table 3–24
Quartermaster subcourses (QM)—Continued

Title: Subsistence Support Procedures (Non-automated).

Description: Procedures for obtaining the operating levels and safety levels from the troop issue subsistence officer and for computing order ship time and requisitioning objectives. MOS: 92A. Crd hrs: 3.

Subcourse: QM2921

Title: The Army Maintenance Management System (TAMMS) (Non-automated).

Description: Basic supply functions for preparing TAMMS records and forms by preparing non-automated maintenance records, make appropriate postings and schedule preventive maintenance services. MOS: 92A. Crd hrs: 2.

Subcourse: QM3054

Title: Review the Flow of Request for Supplies and the Subsequent Issue of Supplies to the Using Unit.

Description: Actions of a supply supervisor at a corps support command materiel management center or installation stock control activity. Codes, forms, formats, reports, and manager actions as they relate to supply requests and status and issue documents. MOS: 76Z. Crd hrs: 3.

Subcourse: QM3079

Title: Evaluate Supply Support Storage Procedures.

Description: Evaluate supply support storage procedures. MOS: 76Z. Crd hrs: 1.

Subcourse: QM3083

Title: Prepare Procedures for Contingency Operations.

Description: Prepare procedures for contingency operations. MOS: 76Z. Crd hrs: 1.

Subcourse: QM3100

Title: Define the Operational Relationship between the Materiel Management Center (MMC) and the general support (GS) companies.

Description: Trains the NCO logistician in the basic structure and organizational concept of a Corps Support Command (COSCOM) MMC. Shows the supply actions and unit relationships to a COSCOM MMC and its policies and procedures. Crd hrs: 3.

Subcourse: QM3300

Title: Combat Logistics Supply and Support.

Description: Basic procedures for performing tasks related to providing logistical staff support as the battalion S4 in armored and mechanized divisions. Crd hrs: 2.

Subcourse: QM3301

Title: Inspect the Storage of Supplies, Weapons, and Equipment.

Description: Provides correct methods to store items in the unit area and provides current DA policy regarding storage. Crd hrs: 2.

Subcourse: QM3317

Title: Water Computations.

Description: Compute total water needs for personnel and units in a theater of operations. Crd hrs: 3.

Subcourse: QM3318

Title: Water Supply in a Theater of Operations.

Description: Distribute and manage water in a theater of operations. Crd hrs: 3.

Subcourse: QM3401

Title: Supply Management I.

Description: Tasks and responsibilities in the development of a corps authorized stockage list (ASL), automated procedures used by the demand system, and the demand system controls that affect the ASL. MOS: 76Z. Crd hrs: 1.

Subcourse: QM3402

Title: Supply Management II.

Description: The basic cycle process, output reports, and the crossleveling/ redistribution/ replenishment/ excessing process. MOS: 76Z. Crd hrs: 4.

Subcourse: QM3502

Title: Manage Environmental Pollution Control Program.

Description: Prepare, maintain, and implement a current Spill Prevention Control and Countermeasure Plan (SPCCP) and an Installation Spill Contingency Plan (ISCP); evaluate the current SPCCP; evaluate compliance with the SOPs; determine potential spill locations for petroleum operations; maintain an overlay of petroleum operations; establish written SOPs for emergencies; request assistance from federal agencies to review the SPCCP, supervise the training of petroleum personnel in emergency and evacuation procedures; and coordinate plan simulation; identify the designated installation coordinator at the scene and determine his responsibilities and duties; establish an installation response team (IRT); develop IRT alert and mobilization procedures and verify a list of key personnel to contact. Crd hrs: 5.

Subcourse: QM3503

Table 3–24**Quartermaster subcourses (QM)—Continued**

Title: Direct Fuel System Supply Point Operations.**Description:** Identify the components of a fuel system supply point (FSSP); perform and supervise preventive maintenance checks and services on the components of an FSSP; direct site preparation, layout, and assembly of an FSSP; and perform emergency repair of collapsible storage tanks. Crd hrs: 5.

Subcourse: QM3504**Title:** Direct Gaging and Sampling Operations.**Description:** Gage and sample petroleum tanks. Crd hrs: 5.

Subcourse: QM3505**Title:** Direct Filter/Separator Operations.**Description:** Identify the internal operation of a filter/separator; use the proper filter/separator for a specific mission; explain pressure differential; perform daily and weekly checks on a filter/separator; and identify the purpose and use of go/no-go fuses. Crd hrs: 5.

Subcourse: QM3506**Title:** Determine and Verify Water Requirements for a Unit.**Description:** Compute adequate production of potable water, water storage, and water distribution capabilities; determine water requirements for a unit based on echelon levels, environment, and classification (minimum or sustaining) using established planning factors; determine a consuming unit's actual authorized or subsisted strength; compute a unit's requirement by multiplying unit strength by the appropriate planning; verify a consuming unit's water requirements based on historical data. Crd hrs: 5.

Subcourse: QM3507**Title:** Plan for Airdrop of Supplies.**Description:** Determine the supplies and equipment you need and compute the number of sorties, the sortie time, and the minimum number of aircraft you require; determine the amount of the airdrop equipment you need, the amount of the rigging effort, and the number and type of cargo parachutes you require; select and mark the drop zone, identify drop zone personnel and survey the drop zone. Crd hrs: 5.

Subcourse: QM3508**Title:** Supervision of Field Service Company DS Operations.**Description:** Plan and select a site for laundry services and clothing exchange and bath (CEB) services; conduct laundry operations and CEB operations; conduct operator's preventive maintenance checks and services on equipment. Crd hrs: 5.

Subcourse: QM3509**Title:** Direct Field Feeding Operations.**Description:** Army Field Feeding System (AFFS), predeployment planning, deployment, AFFS equipment, field kitchen components, safety and sanitation, rations and menus, and redeployment. Crd hrs: 5.

Subcourse: QM3510**Title:** Garrison Food Service Operations.**Description:** General provisions for dining facility operations, accountability and documentation, nutrition and sanitation. Crd hrs: 6.

Subcourse: QM3511**Title:** Subsistence Support Planning and Class I Operations.**Description:** Procedures for planning subsistence supply operations, distribution and accounting, receipt and inspection procedures, storage procedures, ration issue and inventory management. Crd hrs: 5.

Subcourse: QM3512**Title:** Mortuary Affairs Operations.**Description:** Plan and conduct some mortuary affairs operations in a theater of operations: search and recovery, interment, and disinterment operations. Determine the operations that are required, plan to support the operations, and conduct the operations from a leader's role. Crd hrs: 5.

Subcourse: QM3513**Title:** Plan Mortuary Affairs Support.**Description:** Define the Joint Mortuary Affairs Program; explain joint mortuary affairs policy; explain the mission and the organization of the Central Joint Mortuary Affairs office; assess a geographical area through map and personal reconnaissance and advise commanders of a designated location; task subordinate activities (such as engineer, explosive ordnance disposal detachment personnel, and NBC support teams) as the situation dictates for needed logistical support; assign mortuary affairs activities; explain the organization and the functions of the mortuary affairs company. Crd hrs: 5.

Subcourse: QM3514**Title:** Officer Development.**Description:** Order and manage publications and blank forms at the unit level; distinguish between prejudice and discrimination; identify the leadership actions to take in special situations concerning equal opportunity; identify the government agencies that have the responsibilities for resolving equal opportunity complaint actions; identify the objectives of the Equal Opportunity Program and the basic responsibilities and

Table 3–24
Quartermaster subcourses (QM)—Continued

duties of the personnel who implement these objectives; establish an effective physical security program at the unit level; identify the indicators of potential suicide; identify unit and supervisory responsibilities; develop a suicide prevention program at the unit level; prepare and review a duty roster; identify the responsibilities and duties of the casualty assistance officer; and the benefits to which survivors are, or may be, entitled to under various conditions and circumstances. Crd hrs: 6.

Subcourse: QM3515

Title: Leadership Counseling.

Description: Identify both the need for counseling and the appropriate type of counseling to use. Crd hrs: 5.

Subcourse: QM3516

Title: Training Management and Common Soldier Skills.

Description: Develop a company mission-essential task list using the battle focus process, long-range, short-range, and near-term planning; conduct and evaluate individual soldier and collective training; conduct company training meetings; identify terrain features on a map; measure distance on a map; navigate with a compass and a map using four-, six-, and eight-digit grid coordinates; measure and plot an azimuth; convert grid azimuths to magnetic azimuths and vice versa; plot a back azimuth; use intersection, resection, modified resection; polar coordinates, and field expedient methods (shadow-tip, watch, and north star methods; assess soldiers' entry-level physical conditioning status; help soldiers establish goals and plan daily activities; conduct the Army Physical Fitness Test; identify proper individual fitness habits in the areas of posture, stretching, diet, and other life-enhancing life-style practices; identify body composition; develop and manage a unit physical fitness program; identify and resolve stress effects. Crd hrs: 5.

Subcourse: QM3517

Title: Communicative Skills at Company Level.

Description: Write to inform or to direct, develop professional briefing techniques, develop a command philosophy and a command philosophy paper, develop Noncommissioned Officer Evaluation Reports and Officer Evaluation Reports. Crd hrs: 8.

Subcourse: QM3518

Title: Defend a Combat Service Support (CSS) Company Position.

Description: Discusses evaluating the threat, establishing a base defense system, preparing a base defense plan, reconnoitering the defense, and reorganizing the company. Crd hrs: 5.

Subcourse: QM3519

Title: Unit and Organizational Supply.

Description: Implement the command supply discipline program: ensure that property authorization documents and supply records are maintained error free and that supplies are on hand or on request; conduct an inventory of property; and conduct a report of survey. Crd hrs: 5.

Subcourse: QM3520

Title: Develop a Concept of Support for a Brigade-Level Combat Operation.

Description: Develop an external service support annex to the forward support battalion operation order. Crd hrs: 5.

Subcourse: QM3600

Title: Review Division Master Property Records.

Description: Teaches senior NCOs, warrant officers, and commissioned officers to understand and perform tasks related to reviewing division master property records. Crd hrs: 4.

Subcourse: QM3601

Title: Inspect Unit Supply Records.

Description: Inspection of unit supply records training for advanced commissioned, noncommissioned, and warrant officers. Crd hrs: 2.

Subcourse: QM3602

Title: Evaluate the Standard Army Validation and Reconciliation (SAVARS) Data.

Description: Evaluate SAVARS data using both the manual and automated systems. Includes information on actions taken by the supply support activity and the stock control section or materiel management center in the validation and reconciliation process. Crd hrs: 1.

Subcourse: QM3611

Title: Managing and Distributing the Classes of Supply.

Description: Teaches officers, warrant officers, and NCOs to understand and perform tasks related to distributing and accounting for the classes of supply. Crd hrs: 3.

Subcourse: QM3800

Title: Compute Authorized Quantities From Common Tables of Allowance (CTA).

Description: Perform tasks related to computing authorized quantities from CTA. MOS: 920A/B. Crd hrs: 4.

Subcourse: QM3801

Title: Review and Update Repairable Exchange (RX) Procedures.

Table 3–24**Quartermaster subcourses (QM)—Continued**

Description: Teaches the manager to understand and perform tasks related to repairable and recoverable management; review and update repairables procedure based on policy guidance from a higher authority; and the procedures required of the customer's activity to ensure an uninterrupted supply support system is always open. MOS: 920A/B. Crd hrs: 2.

Subcourse: QM3804

Title: Plan and Coordinate Schedules with the LASSO.

Description: Identify the policy and procedures to effectively manage, plan and schedule operations at the Logistics Automation Systems Support Office (LASSO). Crd hrs: 1.

Subcourse: QM3805

Title: Manage Operational Readiness Float (ORF) Assets.

Description: Basic procedures involved in selecting and maintaining ORF assets. Instructions on how and when to prepare a stock record account for ORF, determining the correct requisitioning objective, requesting procedures, also use and turn-in of ORF assets. Crd hrs: 2.

Subcourse: QM3806

Title: Explain the Organization and Functions of Stock Control Activities and Materiel Management.

Description: Teaches the warrant officer manager to understand and perform tasks related to stock control activities and functions related to inventory management, standing operating procedures, and preparation or update of work center layout within the materiel management center. Crd hrs: 2.

Subcourse: QM3807

Title: Review and Update Inventory Procedures.

Description: Review and update inventory procedures at the Direct Support Unit level. Crd hrs: 1.

Subcourse: QM3809

Title: Contingency Contracting.

Description: Skills related to contingency contracting. MOS: 920A/B. Crd hrs: 5.

Subcourse: QM3840

Title: Subsistence Management—Part I.

Description: Identify and monitor nutrition standards in food preparation and food serving. Crd hrs: 5.

Subcourse: QM3841

Title: Subsistence Management—Part II.

Description: Monitor procedures for requisitioning, transporting, and storing subsistence; determine the adequacy of inventory management; control subsistence transfers between food service operations; and provide technical supervision of nutritional menu planning. Crd hrs: 5.

Subcourse: QM3842

Title: Subsistence Management—Part III.

Description: Establish and monitor turn-in procedures; advise the troop issue subsistence officer or Class I officer on the distribution of forced issues; provide technical assistance on initiating and preparing unsatisfactory material reports; review the dining facility work schedules. Crd hrs: 5.

Subcourse: QM3843

Title: Administrative Management—Part I.

Description: Prepare recommended food service budget requirements; prepare the food service management plan; provide technical assistance in adjusting overdrawn and underdrawn accounts; and audit records and filing systems. MOS: 922A. Crd hrs: 5.

Subcourse: QM3844

Title: Administrative Management—Part II.

Description: Serve as a contracting officer's representative; prepare, analyze, administer, and modify food service contracts; coordinate subordinate food advisors' actions; and administer a food service award program. (Prerequisite: QM3843.) MOS: 922A. Crd hrs: 5.

Subcourse: QM3845

Title: Administrative Management—Part III.

Description: Prepare SF 368 (Product Quality Deficiency Report); manage the dining facility equipment replacement program by reviewing, verifying, approving, and consolidating DA Form 3988–R (Dining Facility Equipment Replacement Record); and prepare reports on design deficiencies. (Prerequisites: QM3843 and QM3844.) Crd hrs: 5.

Subcourse: QM3846

Title: Administrative Management—Part IV.

Description: Develop and maintain a mobilization plan for equipment, personnel, and facilities; implement a food service data feedback

Table 3–24
Quartermaster subcourses (QM)—Continued

program; conduct evaluations and prepare written action plans; monitor internal control procedures of food service operations; and monitor cash collection control procedures. (Prerequisites: QM3843, QM3844 and QM3845.) Crd hrs: 5.

Subcourse: QM3849

Title: Personal Hygiene.

Description: Monitor personal hygiene standards in garrison and in the field. MOS: 922A. Crd hrs: 5.

Subcourse: QM3851

Title: External Coordination—Part I.

Description: Provide technical advice to commanders on requirements for special feeding situations; determine food service requirements to support field training; coordinate food service operations with allied armies and actions; and coordinate and allocate funds for expendable supplies. Crd hrs: 5.

Subcourse: QM3852

Title: External Coordination—Part II.

Description: Conduct the menu board and direct the annual subsistence review committee; conduct the Army food service competitions and publicize the food service program; advise the corps of engineers and contractors; advise on equipment, design, and modernization of dining facilities; initiate action to improve new construction. (Prerequisite: QM3851.) Crd hrs: 5.

Subcourse: QM3853

Title: External Coordination—Part III.

Description: Coordinate with the facilities engineers on training personnel in operating and maintaining equipment in garrison; coordinate requirements for food service operations for major exercises and medical facilities; coordinate with veterinary personnel when handling unsatisfactory subsistence. Also, information on Army standards on sanitation, nutrition, and menus. (Prerequisites: QM3851 and QM3852.) Crd hrs: 5.

Subcourse: QM3854

Title: Training Management—Part I.

Description: Train food service personnel in nutritional menu planning and food preparation. MOS: 922A. Crd hrs: 5.

Subcourse: QM3855

Title: Training Management—Part II.

Description: Teaches training methods and information from food service operations on advising commanders of their responsibilities; training personnel to operate and maintain field equipment; providing technical assistance in dining facility accounting and head count reporting procedures; and advising surveying officers on subsistence products, facilities, and equipment. (Prerequisite: QM3854.) MOS: 922A. Crd hrs: 5.

Subcourse: QM3856

Title: Training Management—Part III.

Description: Administer a training management program to train personnel in setting up, operating and dismantling the mobile field bakery, the mobile kitchen trailer, the kitchen company level field feeding, the field kitchen modular, and the sanitation center. Also, instruct personnel on the reduction of infrared and battlefield signature in a theater of operations. (Prerequisites: QM3854 and QM3855.) Crd hrs: 5.

Subcourse: QM3858

Title: Theater of Operations—Part I.

Description: Perform duties of a food advisor technician in a theater of operations: use reports, plans, and mission statements to update the Class I officer on requisitioning, storing, and distributing subsistence; provide information on the PUSH system according to current procedures; advise the commander on the tactical employment of the Army field feeding system; and provide technical guidance to the commander on utilization of captured subsistence. MOS: 922A. Crd hrs: 5.

Subcourse: QM3859

Title: Theater of Operations—Part II.

Description: Advise the commander on utilization of food service assets; provide tactical advice for selecting a field kitchen site and laying out the area; advise the commander on food service water requirements; provide technical supervision of remote feeding; monitor usage, stockage, and condition of war reserve and subsistence. (Prerequisite: QM3858.) MOS: 922A. Crd hrs: 5.

Subcourse: QM3860

Title: Theater of Operations—Part III.

Description: Direct the implementation of security procedures in protection of equipment and subsistence; monitor the operation of mobile field bakery units; and direct actions to construct and close out field expedients for grease traps, soakage pits, and incinerators for field kitchen waste disposal in a theater of operations. (Prerequisites: QM3858 and QM3859.) Crd hrs: 5.

Subcourse: QM3861

Title: Theater of Operations—Part IV.

Description: Provide advice on actions in an industrial base; develop and write the food service portion for an annex to operation plans/

Table 3–24
Quartermaster subcourses (QM)—Continued

operation orders; develop a theater food plan; advise the commander on the Army field feeding concept; coordinate mobilization of food service assets; and direct actions to decontaminate or dispose of food after a nuclear, biological, chemical attack. (Prerequisites: QM3858, QM3859, and QM3860.) Crd hrs: 5.

Subcourse: QM4101

Title: Transfer Information from DA Form 2407 (Maintenance Request) to DA Form 2405 (Maintenance Request Register).

Description: Transfer information from a DA Form 2407 to a DA Form 2405. MOS: 43M. Crd hrs: 1.

Subcourse: QM4103

Title: Perform Final Inspection on Repaired CTA 50–900 Items.

Description: Perform a final inspection on repaired CTA 50–900 items. MOS: 43M. Crd hrs: 1.

Subcourse: QM4127

Title: Control and Maintain Records of Equipment.

Description: Control and maintain records of equipment. MOS: 43M30. Crd hrs: 2.

Subcourse: QM4129

Title: Perform Quality Assurance Inspection of Textiles, Canvas, Clothing, and Webbed Equipment Items.

Description: Perform quality assurance inspections of textiles, canvas, clothing, and webbed equipment items. MOS: 43M. Crd hrs: 1.

Subcourse: QM4132

Title: Prepare Internal and External Standing Operating Procedures (SOPs) for Shop Operations.

Description: Tasks related to preparing SOPs in a repair shop. MOS: 43M. Crd hrs: 1.

Subcourse: QM4150

Title: Prepare Schedules for Equipment, Personnel, and Administrative Reports for Shop Operations.

Description: Teaches the noncommissioned officer to prepare schedules for equipment, personnel, and administrative report for shop operations. MOS: 43M. Crd hrs: 2.

Subcourse: QM4224

Title: Select Laundry or Bath Field Operational Sites.

Description: Direct a laundry or bath operational site. MOS: 57E. Crd hrs: 1.

Subcourse: QM4250

Title: Direct Laundry and Clothing Exchange Bath (CEB) Site Selection.

Description: Direct a laundry and CEB site selection. MOS: 57E. Crd hrs: 1.

Subcourse: QM4253

Title: Supervise Clothing Exchange Bath (CEB) Setup and Operation.

Description: Supervise CEB setup and operations. MOS: 57E. Crd hrs: 2.

Subcourse: QM4258

Title: Supervise Laundry Setup and Operations.

Description: Supervise setup and operation of a field mobile laundry. MOS: 57E. Crd hrs: 2.

Subcourse: QM4303

Title: Search and Recovery Operations.

Description: Responsibilities related to organizing and conducting search and recovery missions for deceased members of the Armed Forces. MOS: 57F. Crd hrs: 3.

Subcourse: QM4308

Title: Mortuary/Central Identification Laboratory Operations—Part I.

Description: Procedures for organizing receiving areas, receiving remains and effects, and evaluating personal possessions used for identification. MOS: 57F. Crd hrs: 2.

Subcourse: QM4310

Title: Evaluate Personal Possessions Used for Identification.

Description: Evaluate personal possessions used for identification and properly complete a record of identification processing (effects and physical data). MOS: 57F. Crd hrs: 3.

Subcourse: QM4311

Title: Mortuary/Central Identification Laboratory Operations—Part II.

Description: Supervisory elements of mortuary and central identification laboratory operations to insure that remains of service personnel

Table 3–24
Quartermaster subcourses (QM)—Continued

are handled properly with respect and dignity and that the necessary procedures, policies, and documents accompanying the remains are completed accurately. MOS: 57F. Crd hrs: 2.

Subcourse: QM4315

Title: Mortuary/Central Identification Laboratory Operations—Part IV.

Description: Basic supervisory elements of skeletal identification as performed in a central identification laboratory. MOS: 57F. Crd hrs: 3.

Subcourse: QM4317

Title: Mortuary/Central Identification Laboratory Operations—Part V.

Description: Direct sanitation procedures in the preparation room and direct the preparation of remains for shipment to a designated location. MOS: 57F. Crd hrs: 2.

Subcourse: QM4320

Title: Temporary Burial Operations.

Description: Perform temporary burial operations. MOS: 57F. Crd hrs: 2.

Subcourse: QM4323

Title: Disinterment Operations.

Description: Perform disinterment operations. MOS: 57F. Crd hrs: 1.

Subcourse: QM4326

Title: Theater Effects Depot Operation.

Description: Procedures for operating a theater effects depot. MOS: 57F. Crd hrs: 1.

Subcourse: QM4350

Title: Organize Search and Recovery Teams.

Description: Request specialized personnel and equipment for search and recovery operations; brief personnel on the operations of organizing a search and recovery team. MOS: 57F. Crd hrs: 1.

Subcourse: QM4355

Title: Post Search and Recovery Situation Map.

Description: Post search and recovery situation maps. MOS: 57F. Crd hrs: 1.

Subcourse: QM4378

Title: Prepare to Disinter Remains.

Description: Obtain, verify, and record information prior to disinterment of remains found at a temporary cemetery. MOS: 57F. Crd hrs: 1.

Subcourse: QM4381

Title: Conduct Inspection of Remains at Contract Funeral Establishments.

Description: Conduct an inspection of remains at contract funeral establishments. MOS: 57F. Crd hrs: 1.

Subcourse: QM4382

Title: Arrange for Shipment of Remains to Next of Kin.

Description: Arrange the shipment of remains to next of kin. MOS: 57F. Crd hrs: 1.

Subcourse: QM4500

Title: Petroleum Storage Tanks.

Description: Select the correct type of storage tanks for a given set of conditions; how and when required maintenance is performed on petroleum storage tanks; procedures for sampling and gaging petroleum storage tanks. Crd hrs: 5.

Subcourse: QM4501

Title: Route Selection and Design of a Military Pipeline.

Description: Select the best possible routes for pipelines and branches and use pipeline design concepts; identify the characteristics of the Inland Petroleum Distribution System. Crd hrs: 5.

Subcourse: QM4910

Title: Supervise Water Operations.

Description: Supervise water operations. MOS: 77W. Crd hrs: 2.

Subcourse: QM4911

Title: Supervise 3,000–GPH ROWPU Operations.

Description: Supervise 3,000–GPH ROWPU operations. (Prerequisite: QM4910.) MOS: 77W. Crd hrs: 3.

Subcourse: QM4912

Title: Supervise Storage and Distribution Operations.

Table 3–24**Quartermaster subcourses (QM)—Continued**

Description: Supervise storage and distribution operations. (Prerequisite: QM4910.) MOS: 77W. Crd hrs: 5.

Subcourse: QM4913

Title: Supervise 600–GPH Reverse Osmosis Water Purification Unit.

Description: Supervise operation of the 600–GPH ROWPU in support of water operations. Crd hrs: 3.

Subcourse: QM4916

Title: Monitor Water Operations.

Description: Trains skill level 3 soldiers in the skills and knowledge to monitor water operations. MOS: 77W. Crd hrs: 2.

Subcourse: QM4917

Title: Monitor 3,000-GPH Reverse Osmosis Water Purification Unit (ROWPU) Operations.

Description: Provides information on operating the 3,000 GPH ROWPU, water quality analysis testing, and filling out reconnaissance forms. MOS: 77W. Crd hrs: 2.

Subcourse: QM4918

Title: Monitor Storage and Distribution Operations.

Description: Discusses knowledge and skills necessary to monitor storage and distribution operations at skill level 3. Crd hrs: 2.

Subcourse: QM4919

Title: Monitor 600–GPH Reverse Osmosis Water Purification Unit.

Description: Monitor operation of the 600–GPH ROWPU in support of water operations. (Prerequisite: QM4913.) Crd hrs: 3.

Subcourse: QM4922

Title: Manage Water Operations.

Description: Discusses the skills and knowledges for managing water reconnaissance operations, completion of water reports, logs, forms, water analysis testing, and environmental considerations. Trains the soldiers in skills and knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM4923

Title: Manage ROWPU Operations.

Description: Discusses the skills and knowledges for managing water purification operations. Trains the soldiers in skills and knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM4924

Title: Manage Storage, Distribution and Issue of Operations.

Description: Discusses the skills and knowledges for managing water storage, distribution, and issue operations. Trains the soldiers in skills and knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM5024

Title: Inspect DA Form 1296 (Stock Accounting Record).

Description: Tasks involved in inspecting DA Form 1296. MOS: 77F. Crd hrs: 3.

Subcourse: QM5025

Title: Receive and Issue Bulk Petroleum Products Using the Fuel System Supply Point (FSSP).

Description: Receive and issue bulk petroleum products using the FSSP. MOS: 77F. Crd hrs: 2.

Subcourse: QM5031

Title: Prepare DA Form 3644.

Description: Obtain, verify, and record information in the preparation of DA Form 3644. MOS: 77F. Crd hrs: 3.

Subcourse: QM5085

Title: Prepare CONUS and Overseas Bulk Petroleum Slates.

Description: Prepare CONUS and overseas bulk petroleum slates. MOS: 77F. Crd hrs: 3.

Subcourse: QM5086

Title: Verify Installation or Command Petroleum Requirements.

Description: Verify installation or command petroleum requirements. MOS: 77F. Crd hrs: 2.

Subcourse: QM5087

Title: Review DA Form 2077 (Petroleum Products Laboratory Analysis Report) to Determine the Condition of Tested Petroleum Products.

Description: Review the DA Form 2077 to determine the condition of tested petroleum products. MOS: 77F. Crd hrs: 3.

Subcourse: QM5088

Title: Plan and Direct Petroleum Storage Tank Cleaning.

Description: Plan and direct petroleum rail car and tank vehicle cleaning operations. MOS: 77F. Crd hrs: 2.

Table 3–24
Quartermaster subcourses (QM)—Continued

Subcourse: QM5091

Title: Schedule and Dispatch Petroleum Pipeline Operations.

Description: Conduct scheduling and dispatching operations on a petroleum pipeline. MOS: 77F. Crd hrs: 2.

Subcourse: QM5092

Title: Direct General Petroleum Operations.

Description: The soldier will learn about the MOS 77F duties, terminology associated with the petroleum industry, how to direct a pilferage control program, sling load operations, sampling and gaging operations, a fire and safety program, and an environmental stewardship program. Crd hrs: 2.

Subcourse: QM5093

Title: Prepare RCS DLA(W) 1884 (DFSC) Bulk Petroleum Terminal Message Report.

Description: Prepare information for message submission of the report, gathering inventory level data for submission of the terminal section of the reports, and drafting messages for use by the appropriate agencies. MOS: 77F. Crd hrs: 3.

Subcourse: QM5094

Title: Direct Tank Vehicles.

Description: The soldier will learn to supervise the loading and unloading of tank vehicles, gaging of tank vehicles, PMCS verify appropriate entries on DA Form 2404 and DA Form 5988-E (ULLS) and correction of deficiencies, operation of tank units and vehicles, observe fire and safety precautions, and identify environmental considerations. Crd hrs: 2.

Subcourse: QM5095

Title: Direct Class III Operations.

Description: The soldier will learn to develop a Class III Supply Point flow plan, fire and safety precautions, and identify environmental impediments and viable resolutions. Crd hrs: 3.

Subcourse: QM5096

Title: Direct Pipeline Operations.

Description: The soldier will supervise pipeline pump station operations, maintenance and installation of terminal equipment, and petroleum transfer operations. Crd hrs: 2.

Subcourse: QM5097

Title: Control General Petroleum Operations

Description: Discusses the knowledges and skills of the petroleum operations, fire and safety theater operations, determining petroleum requirements, preparing accounting summaries, developing a petroleum environmental control program, and supervising sampling and gaging. Trains the soldiers in knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM5098

Title: Control Tank Vehicles.

Description: Discusses the knowledges of the proper methods for controlling petroleum tank vehicle operations. Train the soldiers in knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM5099

Title: Control Class III And Pipeline Operations.

Description: Discusses the skills and knowledges for developing a class III supply point flow plan, fire plan, equipment loading plan, and defense plan, observing safety precautions, and identifying environmental considerations. Trains the soldiers in skills and knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM5120

Title: Review Petroleum Analysis Test Results.

Description: Review petroleum analysis test results. MOS: 77L20, 77F. Crd hrs: 4.

Subcourse: QM5126

Title: Manage a Petroleum Laboratory Fire Prevention Program.

Description: Manage a petroleum laboratory's fire prevention program. MOS: 77L. Crd hrs: 2.

Subcourse: QM5127

Title: Manage a Petroleum Laboratory Safety Program.

Description: Manage, monitor, and implement a petroleum laboratory safety program. MOS: 77L. Crd hrs: 2.

Subcourse: QM5180

Title: Direct Laboratory Operations.

Description: The soldier will acquire knowledge on directing sampling and gaging and implementing an environmental stewardship program, a fire and safety SOP, and a sample submission, receipt, and testing SOP. Crd hrs: 3.

Table 3–24
Quartermaster subcourses (QM)—Continued

Subcourse: QM5181

Title: Direct Operation and Maintenance of Laboratory Facilities.

Description: The soldier will acquire knowledge on performing ASIM tests, evaluating the preparation of chemical solutions, directing mobile laboratory operations, SIMPLEX procedures, petroleum laboratory preventive maintenance programs, standardization and calibration of laboratory equipment, and petroleum laboratory supply . Crd hrs: 2.

Subcourse: QM5182

Title: Direct Quality Surveillance.

Description: The soldier will acquire knowledge on types of petroleum products deterioration disposition of off-specification products that meet deterioration limits, supervising a petroleum laboratory correlation testing program, evaluating quality surveillance procedures at aviation unit refueling facilities, and supervising quality surveillance measures for loading and discharging of petroleum vehicles, vessels, and pipelines. Crd hrs: 2.

Subcourse: QM5183

Title: Manage Laboratory Operations.

Description: Discusses the knowledges of laboratory procedures, responsibilities, and operations; establishing laboratory standing operating procedures (SOP); monitoring Laboratory testing facilities; and developing a maintenance, supply, and calibration program. Trains the soldiers in knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM5184

Title: Manage Quality Assurance Surveillance.

Description: Discusses the skills and knowledges in simulated laboratory exercise procedures, types of petroleum product deterioration, and disposition of petroleum products not meeting deterioration limits. Train the soldiers in skills and knowledges appropriate to skill level 4. Crd hrs: 2.

Subcourse: QM5200

Title: Petroleum Operations and Applications.

Description: Discusses and provides the knowledge of joint petroleum and the peculiarities of petroleum products. It discusses what the required knowledge is for the proper procedures for storing petroleum products using meters, verifying meters and calculating meter correction factors. It also discusses the waterfront terminal and its required equipment and facilities, its responsibilities and capabilities as well as how to properly report the proper issuing and receiving of products under the defense automated management system (DFAMS). Crd hrs: 4.

Subcourse: QM5201

Title: Pump Graphs.

Description: Discusses the skills necessary for planning and managing a petroleum pipeline using pump graphs to ensure maximum efficiency of pump stations available. Includes operation characteristics of petroleum pumps, conversion of PSI to FTH, head capacity and flow rate, and determining pump speeds. Crd hrs: 3.

Subcourse: QM5202

Title: Batching and Scheduling.

Description: Discusses the knowledge and skills necessary to supervise petroleum terminal operations, determine location of petroleum pump stations, terminals, and supply points. Also includes instructions on both the planning of a petroleum supply program in theater operations and the planning for a petroleum distribution system (fixed facility). Crd hrs: 3.

Subcourse: QM5203

Title: Hydraulics in Pipeline Operations.

Description: Provides an introduction to petroleum fluid hydraulics, designing an operational military pipeline or designing a hose line. Crd hrs: 4.

Subcourse: QM5204

Title: Water Operations and Applications.

Description: Provides information on water support and equipment in a theater of operations; potable water planning factors; and water quality analysis testing. Crd hrs: 3.

Subcourse: QM6020

Title: Compute Requisitioning Objectives (ROs).

Description: Procedures for obtaining the operating levels and safety levels from troop issue subsistence officer (TISO) and for computing order slip time and requisitioning objectives. MOS: 92A. Crd hrs: 2.

Subcourse: QM6025

Title: Maintain DA Form 3980–R (Dining Facility Account Card) for Each Supported Unit.

Description: Maintain DA Form 3980–R. Crd hrs: 2.

Subcourse: QM6029

Table 3-24
Quartermaster subcourses (QM)—Continued

Title: Receiving Nonperishable Subsistence Supplies.

Description: Receive nonperishable subsistence supplies. Crd hrs: 2.

Subcourse: QM6030

Title: Direct Receipt and Storage of Perishable Subsistence.

Description: Direct the receipt and storage of perishable subsistence. Crd hrs: 2.

Subcourse: QM6031

Title: Dispose of Subsistence Items that are Damaged, Deteriorated, or Unsalable.

Description: Dispose of subsistence items that are damaged, deteriorated, or unsalable. Crd hrs: 2.

Subcourse: QM6042

Title: Process DA Form 4538-R (Abstract of Issues/Sales) for Reimbursable.

Description: Process DA Form 4538-R for reimbursable. Crd hrs: 1.

Subcourse: QM6043

Title: Process DD Form 708 (Inventory Adjustment Monetary Account) for the Current Accounting Period.

Description: Process DD Form 708 for the current accounting period. Crd hrs: 2.

Subcourse: QM6044

Title: Review DA Form 3980-R.

Description: Review the blocks and columns on DA Form 3980-R for accurate entries. Crd hrs: 2.

Subcourse: QM6045

Title: Maintain DA Form 3295-R (Voucher Register and General Control).

Description: Maintain DA Form 3295-R. Crd hrs: 5.

Subcourse: QM6048

Title: Direct Subsistence Storage Operations.

Description: Covers direct subsistence storage operations. Crd hrs: 2.

Subcourse: QM6055

Title: Make Sure Sanitation Procedures Are Used.

Description: Make sure that sanitation procedures are used correctly. Crd hrs: 2.

Subcourse: QM6056

Title: See That Security Measures Are Followed.

Description: Ensure that security measures are followed. Crd hrs: 1.

Subcourse: QM6060

Title: Establish a Warehouse Locator System.

Description: Establish a warehouse locator system. Crd hrs: 4.

Subcourse: QM6062

Title: See That Safety Procedures are Followed.

Description: Ensure that safety procedures are followed. Crd hrs: 2.

Subcourse: QM6070

Title: Review DD Form 708.

Description: Review price changes to inventory items on the DD Form 708 for accuracy. Crd hrs: 2.

Subcourse: QM6071

Title: Review DA Form 4170-R (Statement of Gains and Losses).

Description: Review entries on the DA Form 4170-R for accuracy. Crd hrs: 2.

Subcourse: QM6073

Title: Prepare the Schedule of Field Ration Issues.

Description: Prepare the Schedule of Field Ration Issues. Crd hrs: 3.

Subcourse: QM6074

Title: Establish Prices for Subsistence Items Required by Troop Issue Subsistence Activity (TISA).

Description: Maintain quarterly price list for locally bought (procured) subsistence items. Crd hrs: 1.

Subcourse: QM6075

Title: Direct Inventories for Troop Issue Subsistence Activity (TISA) or Commissary Sales Store.

Table 3–24
Quartermaster subcourses (QM)—Continued

Description: Direct inventories for TISA or commissary sale store. Crd hrs: 3.

Subcourse: QM6076

Title: Review DA Form 3295–R (Voucher Register and General Control).

Description: Review DA Form 3295–R for accuracy. Crd hrs: 2.

Subcourse: QM6077

Title: Prepare DA Form 2969-R (Food Cost and Feeding Strength Summary).

Description: Prepare DA Form 2969. Crd hrs: 2.

Subcourse: QM6082

Title: Supervision of Subsistence Inventories.

Description: Direct inventories in a troop issue subsistence activity and in a theater of operations. Crd hrs: 5.

Subcourse: QM6083

Title: Review the Basic Daily Food Allowance (BDFa).

Description: Review the BDFa. Crd hrs: 5.

Subcourse: QM6084

Title: Subsistence Accounting Procedures.

Description: Review DA Form 4170–R and DA Form 3295–R. Crd hrs: 5.

Subcourse: QM6085

Title: Storage in a Theater of Operations.

Description: Plan a field storage layout and direct the storage of subsistence supplies in a Theater of Operations. Crd hrs: 5.

Subcourse: QM6117

Title: Dining Facility Operations for 20–Level Food Service Personnel, Part I.

Description: Direct the best nutrition procedures during food preparation and serving: direct personnel in storage and use of leftovers, preparing and serving meals in a dining facility, and receiving and storing subsistence items. Crd hrs: 5.

Subcourse: QM6118

Title: Dining Facility Operations for 20–Level Food Service Personnel, Part II.

Description: Operate and maintain dining facility equipment. (Prerequisite: QM6117.) Crd hrs: 5.

Subcourse: QM6119

Title: Supervisory Functions for 20–Level Food Service Personnel.

Description: Supervisory functions of 20–level food service personnel in a dining facility or field kitchen. Procedures for assigning duties to personnel, reviewing the production schedule with the cooks on your shift, briefing the head-counter on his duties, and directing personnel who are undergoing on-the-job training. MOS: 92G. Crd hrs: 5.

Subcourse: QM6128

Title: Direct Personnel Constructing and Closing Out Field Expedient for Kitchen Waste Materials.

Description: Direct personnel constructing and closing out field expedients for kitchen waste materials. MOS: 92G. Crd hrs: 2.

Subcourse: QM6134

Title: Field Kitchen Operations for 20–level Food Service Personnel.

Description: Direct personnel setting up and dismantling the mobile kitchen tent, pitching and striking the M1948 kitchen tent, setting up and maintaining the water sterilizing bags, operating and maintaining field kitchen equipment, and preparing and serving meals at a field kitchen. MOS: 92G20. Crd hrs: 5.

Subcourse: QM6136

Title: Sanitation Responsibilities of 20–level Food Service Personnel.

Description: Inspect personnel for personal hygiene and direct personnel cleaning and sanitizing dining and cooking utensils, performing sanitation services, and applying food protection measures. MOS: 92G20. Crd hrs: 5.

Subcourse: QM6137

Title: Safety, Fire Prevention, and Security Responsibilities of 20–Level Food Service Personnel.

Description: Implement a safety and fire prevention program as well as direct personnel applying security measures in dining facilities and field kitchens. MOS: 92G20. Crd hrs: 5.

Subcourse: QM6138

Title: Personnel Management for the First Cook.

Description: Personnel management for the First Cook in a dining facility. Procedures for conducting daily meetings with personnel,

Table 3–24
Quartermaster subcourses (QM)—Continued

implementing on-the-job training, scheduling shift work, developing work schedules, supervising food service personnel, and monitoring and preparing documentation of performance of contracted dining facility attendants. MOS: 92G. Crd hrs: 5.

Subcourse: QM6139

Title: Conduct Inventories and Maintain Dining Facility Files.

Description: Conduct and process inventory records, maintain dining facility files and accounting records using the Modern Army Recordkeeping System (MARKS). Crd hrs: 5.

Subcourse: QM6140

Title: Request Authorized Equipment.

Description: Request authorized equipment. MOS: 92G. Crd hrs: 1.

Subcourse: QM6165

Title: Request and Turn in Subsistence Items under AFFS.

Description: Request and turn in subsistence items under the Army Field Feeding System (AFFS). MOS: 92G30. Crd hrs: 5.

Subcourse: QM6166

Title: Dining Facility Accounting for the First Cook.

Description: Prepare and maintain the cash collection sheet and the control sheet; request and turn in subsistence items under ARCS; prepare and process head count form; prepare and maintain the production schedule and sensitive high-dollar item disposition; maintain the dining facility account card; and maintain over and under record meals. Crd hrs: 5.

Subcourse: QM6190

Title: Administrative Responsibilities of the Food Service Sergeant.

Description: Assign personnel to duty positions; administer the on-the-job training program; develop and initiate a physical security program; and develop standard operating procedures for dining facilities and field kitchens. MOS: 92G40. Crd hrs: 5.

Subcourse: QM6194

Title: Evaluate Procedures for Accounting for Lost, Damaged, or Destroyed Subsistence Supplies.

Description: Evaluate procedures for accounting for lost, damaged, or destroyed subsistence supplies. MOS: 92G. Crd hrs: 1.

Subcourse: QM6195

Title: First Cook Responsibilities to Plan Menus and Supervise Optimal Nutrition Retention Procedures.

Description: Procedures for using the master menu for planning purposes, supervising the receipt and storage of subsistence items, supervising the preparation, serving, and storage of food items to ensure optimal nutritional value, and conducting quality assurance evaluation of food preparation and finished products. MOS: 92G. Crd hrs: 5.

Subcourse: QM6196

Title: Coordination Responsibilities of the Food Service Sergeant.

Description: Perform the coordination responsibilities of the food service sergeant. Crd hrs: 5.

Subcourse: QM6197

Title: Accounting Responsibilities of the Food Service Sergeant.

Description: Review and ensure the accuracy of accounting records; implement and monitor head count procedures; prepare documents for lost, damaged, or destroyed subsistence items; and prepare and review DA Form 2062 (Hand Receipt/Annex Number) and DA Form 3161 (Request for Issue or Turn-in). Crd hrs: 5.

Subcourse: QM6198

Title: Food Service Sergeant's Responsibilities to Evaluate Sanitation, Safety, NBC, Energy, and Fire Prevention Procedures.

Description: Evaluate the sanitation program in a dining facility and at a field kitchen; evaluate conduct of subsistence protection and decontamination procedures; and develop and initiate safety, energy, and fire prevention programs. MOS: 92G40. Crd hrs: 5.

Subcourse: QM6199

Title: Food Service Sergeant's Responsibilities to Plan and Implement Menus and Evaluate Nutritional Food Preparation.

Description: Plan and implement menus and procedures to ensure the serving of nutritionally balanced meals and evaluate preparation, cooking, and serving of food and prepared food products. Crd hrs: 5.

Subcourse: QM6200

Title: Food Service Administration.

Description: Monitor and provide assistance in dining facility administration and accounting procedures. Conduct a subsistence inventory evaluation and administer control procedures for food service operations. Crd hrs: 5.

Subcourse: QM6201

Title: Food Service Budget and Management Reports.

Table 3–24
Quartermaster subcourses (QM)—Continued

Description: Prepare a food service management plan, food service budget, and food service summary. Crd hrs: 5.

Subcourse: QM6202

Title: Food Service Sanitation Management.

Description: Manage food service sanitation. Crd hrs: 5.

Subcourse: QM6203

Title: Provide Guidance for Implementing the Food Service On-The-Job Training Program.

Description: Provide guidance for implementing the food service on-the-job training program. Crd hrs: 5.

Subcourse: QM6205

Title: Food Service Subsistence Control.

Description: Establishing and monitoring the requisitioning, transporting, and storing of rations in garrison and coordinating and supervising forced and mandatory issues. Crd hrs: 5.

Subcourse: QM6207

Title: Army Field Feeding Operations.

Description: Teaches field feeding operations. Crd hrs: 5.

Subcourse: QM6213

Title: Monitor the Procurement of Rations in a Theater of Operations.

Description: Reviewing theater food plans, strength data, and storage criteria; checking, requisitioning procedures, and information on divisional and nondivisional units. Crd hrs: 5.

Subcourse: QM6217

Title: Subsistence Operations.

Description: Forecast subsistence under different demand scenarios and contingencies and coordinate with facilities engineers for garrison equipment operation and maintenance training. Crd hrs: 5.

Subcourse: QM6230

Title: Field Feeding Responsibilities of the First Cook.

Description: Determining requirements and establishing procedures in support of field operations, establishing the layout of field feeding areas and supervising field personnel in a field kitchen, and directing personnel in the protection and decontamination of subsistence items in an NBC environment. MOS: 92G. Crd hrs: 5.

Subcourse: QM6231

Title: First Cook Supervision of Personnel Cleaning, Operating, and Maintaining Field Equipment.

Description: Supervising personnel in cleaning and maintaining field feeding equipment, supervising the operation and maintenance of the mobile kitchen trailer, and monitoring and providing technical assistance for operation and maintenance of the Kitchen Company Level Field Feeding. MOS: 92G. Crd hrs: 5.

Subcourse: QM6232

Title: First Cook Responsibilities to Implement Safety, Security, and Energy Management.

Description: Implement security procedures in a dining facility and at a field kitchen; maintain energy conservation to comply with established standards; and administer the safety and fire prevention program. MOS: 92G30. Crd hrs: 5.

Subcourse: QM6233

Title: Dining Facility and Field Kitchen Sanitation Responsibilities of the First Cook.

Description: Supervision of field kitchen and dining facility sanitation operations and supervision of personnel in the cleaning and maintenance of dining facility equipment. MOS: 92G. Crd hrs: 5.

Subcourse: QM6234

Title: Monitor Class I Operations.

Description: Check accounting methods, storage of supplies, sanitation and NBC standards, issuing of supplies, and receipt of supplies. Crd hrs: 5.

Subcourse: QM6235

Title: Operation of the Kitchen Company Level Field Feeding (KCLFF) and Preparation of T-Rations.

Description: Basic procedures for using the KCLFF and preparing meals for remote site feeding and how to store, prepare, and serve T-rations. Crd hrs: 5.

Subcourse: QM6250

Title: Food Advisor's or Food Service Supervisor's Responsibilities to Evaluate Subsistence Sanitation Program.

Description: Coordinate with the surgeon or director of medical services, and evaluate the subsistence sanitation program. Crd hrs: 5.

Table 3–24
Quartermaster subcourses (QM)—Continued

Subcourse: QM6251

Title: Responsibilities of the Food Adviser or Food Service Supervisor Regarding Nutrition.

Description: Evaluate nutrition procedures in preparing, serving, and storing food products, and educate food service personnel and other service members on the Army's nutritional awareness program. Crd hrs: 5.

Subcourse: QM6252

Title: Responsibilities of the Food Adviser or Food Service Supervisor to Provide Assistance to Officers and NCOs Operating Dining Facilities.

Description: Provide assistance to those operating dining facilities, monitor Army Ration Credit System requisitioning and accounting procedures, and prepare reports on design deficiencies in equipment and facilities. Crd hrs: 5.

Subcourse: QM6253

Title: Role of Food Adviser or Food Service Supervisor in Assisting Field Bakeries and Field Kitchen Operations.

Description: Provide assistance to those in charge of the mobile field bakery plant and field kitchens, and monitor Army field feeding system requisitioning and accounting procedures. Crd hrs: 5.

Subcourse: QM6254

Title: Administrative Requirements of the Food Adviser or Food Service Supervisor.

Description: Compute food service requirements for the budget committee, participate in installation menu board meetings, and assist in drafting or revising a performance work statement for food service operations. Crd hrs: 5.

Subcourse: QM6300

Title: Combined Arms Support Part I.

Description: This subcourse is designed to provide soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Military History, Time Management, Army Operations, Mapping Overlays, and Briefing Techniques/Effective Communications. Crd hrs: 9.

Subcourse: QM6301

Title: Combined Arms Support Part II.

Description: This subcourse is designed to provide soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Administrative Management, Combat Service Support and Field Preventive Medicine. Crd hrs: 6.

Subcourse: QM6302

Title: Combined Arms Support Part III.

Description: This subcourse is designed to provide soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Information Management and Computers. Crd hrs: 10.

Subcourse: QM6303

Title: Combined Arms Support Part IV.

Description: This subcourse is designed to provide soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Radio Operations (MSC/MSE/SINGARS), Battled Focused Implementation/Evaluation, and Current and Future Initiatives. Crd hrs: 13.

Subcourse: QM6304

Title: Combined Arms Support Part V.

Description: This subcourse is designed to provide soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Combat Service Support. Crd hrs: 1.

Subcourse: QM6310

Title: Applied Food Service Management.

Description: Provides soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of On-The-Job Training; Energy and HAZCOM Management; Personnel Assignment and Scheduling Workload; Dining Facility Security; Menu Board; Nutrition and Menu Planning, and Nutritional Food Application/Evaluation. Crd hrs: 4.

Subcourse: QM6311

Title: Dining Facility Administration.

Description: Provides soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Hand Receipt Procedures, and Modern Army Record Keeping System (MARKS). Crd hrs: 1.

Subcourse: QM6312

Title: Army Food Management Information System (AFMIS).

Description: Provides soldiers in the Quartermaster Advanced Noncommissioned Officer Course (ANCOC) with a basic understanding of Automation Overview; AFMIS Operation Management; Dining Facility Administration Management, and Subsistence Management. Crd hrs: 4.

Table 3–24**Quartermaster subcourses (QM)—Continued**

Subcourse: QM6320**Title:** Common Leader Training Phase II.**Description:** Provides soldiers in the Quartermaster Basic Noncommissioned Officer Course (BNCOC) with a basic understanding of Professional Skills/Evaluation of Leadership; Military History; Preventive Maintenance Checks and Services; Battle Drills/NBC MOPP 4 Posture; Battle Focused Training; Global Positioning System, and Current and Future Initiatives. Crd hrs: 12.**Subcourse: QM6321****Title:** Common Leader Training Phase III.**Description:** Provides soldiers in the Quartermaster Basic Noncommissioned Officer Course (BNCOC) with a basic understanding of Dining Facility Security Program; Conducting On-The-Job Training; Computer Literacy; Introduction to Army Food Management Information System (AFMIS); General AFMIS Administration; Menu Planning, Support, and Control; Inventory Planning, Support, and Control; Nutritional Food Preparation, and Nutrition/Skills Development Workshop. Crd hrs: 15.**Subcourse: QM6322****Title:** Technical Training 92G30.**Description:** Provides soldiers in the Quartermaster Basic Noncommissioned Officer Course (BNCOC) with a basic understanding of Nutritional Food Preparation; Nutritional/Skills Development Workshop; Problems of Consolidated Dining Facilities and Field Operations; Supervising Garrison and Field Operations; Responsibilities of the Senior First Cook/Operations Sergeant; Food Service Data Feedback; Quality Assurance, and Nuclear, Biological, and Chemical (NBC) Operations for the Senior First Cook. Crd hrs: 22.**Subcourse: QM7000****Title:** Apply Procedures for Followup Requests on Requisitions.**Description:** Ensure that correct followup procedures are adhered to where status on request is desired. Crd hrs: 1.**Subcourse: QM7068****Title:** Select Items for Local Purchase.**Description:** Properly select items that are authorized to be procured locally. Crd hrs: 1.

Table 3–25**Recruiting and Retention subcourses (RR)**

Subcourse: RR0003**Title:** The Total Army Retention Program.**Description:** Provides an introduction to retention strategies for all components of the total Army. Includes discussion on eligibility, options, and benefits that impact on the retention process for both Active and Reserve Components. Crd hrs: 6.

Table 3–26**Intelligence subcourses (SA)**

Subcourse: SA0718**Title:** Introduction to Computers.**Description:** An introduction to both digital and analog computers and their fundamental operations, capabilities, basic elements and functions. CMF: 33. Crd hrs: 3.**Subcourse: SA0746****Title:** Capacitive Reactance, Capacitance and RC Transients in RC Series and Parallel Circuits.**Description:** Explains capacitance, capacitive reactance, resistancy in simple series and parallel circuits, Kirchoff's Voltage law, the phase relationship between current and voltage in purely capacitive and RC circuits and vector plotting. Also presented are simplified analysis of RC circuits. CMF: 33. Crd hrs: 7.

Table 3–27**Signal subcourses (SS)**

Subcourse: SS0002**Title:** Introduction to Tactical Radio Communications.**Description:** Principles of AM, AM/SSB and FM radio transmission and reception, characteristics of tactical radio sets and radio teletypewriter fundamentals; radio telephone procedures. AOC: 25A. Crd hrs: 6.**Subcourse: SS0009****Title:** Signal Node Location, Defense and Internal Organization.**Description:** Communications requirements, planning factors, types of signal nodes and site considerations; identification and basic

characteristics of organic weapons in division signal battalion, defense of site, site defense plan and organization for defense; internal organization of node and methods of displacement. AOC: 25A. Crd hrs: 10.

Subcourse: SS0014

Title: Tactical Radio Systems.

Description: Employment of tactical FM, AM, AM/SSB and radio teletypewriter sets; employment of radio wire integration stations; the organization of radio nets for command control. AOC: 25A. Crd hrs: 5.

Subcourse: SS0016

Title: Multichannel Radio Systems.

Description: Block diagram of multichannel radio systems; system capabilities and limitations; multichannel communications equipment characteristics and limitations; frequency planning for isolated, parallel and interconnecting multichannel radio systems. AOC: 25A. Crd hrs: 5.

Subcourse: SS0018

Title: Install and Operate 3, 5, 10kW (Gas); and 5, 10, 15kW (Diesel) Generator.

Description: How to install and operate the 3, 5, and 10 kW (Gas); and 5, 10, 15 kW (Diesel) generator sets. MOS: 31Q/D and 72E. Crd hrs: 10.

Subcourse: SS0029

Title: Plan Tactical Telephone Systems.

Description: Basic procedures for planning tactical telephone systems including trunk group sizing, the joint operations numbering systems, and the telephone directory. AOC: 25C. Crd hrs: 2.

Subcourse: SS0030

Title: Plan Tactical Wire/Cable Systems.

Description: Plan and inspect wire installation; employment of field cable systems; and user wire installation. AOC: 25C. Crd hrs: 2.

Subcourse: SS0031

Title: Plan/Design/Layout of Satellite Communications Systems.

Description: Overview and capabilities of satellite communications, transmitting systems and radio frequency (RF) components, receive systems and parameters, single channel satellite systems, multichannel satellite systems, and special communications systems and MILSTAR. AOC: 25C. Crd hrs: 4.

Subcourse: SS0042

Title: Frequency Management.

Description: Introduction to frequency management; problems of spectrum congestion; international and national control organizations; frequency management procedures used at theater Army levels; purposes of frequency allocation plans and their application. AOC: 25B. Crd hrs: 12.

Subcourse: SS0073

Title: Corps Communications.

Description: Summary of the corps mission, organization, environment and function, organization of corps headquarters and headquarters company (HHC), signal brigade, signal battalion's relationship of the corps commander to corps staff; corps means of communications; communications in major subordinate units of the corps. AOC: 25C. Crd hrs: 9.

Subcourse: SS0098

Title: Metric System of Linear Measure.

Description: Use of the metric system in estimating and measuring distances, comparison of units in English and metric system and conversion from one to the other. MOS: 31M. Crd hrs: 1.

Subcourse: SS0105

Title: Audiovisual Resources Management.

Description: Audiovisual equipment control and management, coordinating and budgeting for audiovisual equipment and software, and software management within DA and DOD. MOS: 25S. Crd hrs: 8.

Subcourse: SS0117

Title: Describe the Synchronization of Battlefield Operating Systems.

Description: Basic concepts of AirLand Battle, the battlefield operating systems and how those systems are synchronized; the Army's command and control architecture and its five battlefield functional areas. AOC: 25C. Crd hrs: 2.

Subcourse: SS0118

Title: Determine the Signal Support Requirements of Battlefield Operating Systems.

Description: Signal support doctrine and how signal support systems are integrated to meet the requirements of Battlefield Operating Systems. AOC: 25C. Crd hrs: 2.

Subcourse: SS0119

Title: Integration of Information Mission Area at the Operational Level of War.

Description: How the information mission area is integrated within battlefield functional areas to support the AirLand Battle. AOC: 25C. Crd hrs: 1.

Subcourse: SS0120

Title: Employ Communications Systems of a Maneuver Brigade/Battalion/Battalion Task Force.

Description: How a maneuver brigade, battalion, and battalion task force are organized, and what signal support they require. Signal support considerations for units equipped with Army Tactical Communications Systems, Signal Plans and Orders, and signal support in low intensity conflict. AOC: 25C. Crd hrs: 5.

Subcourse: SS0121

Title: Plan, Design, and Layout Tri-Service Tactical Communications and Mobile Subscriber Equipment Signal Support at Echelons Above Corps/Echelons Corps and Below.

Description: Signal support using tri-service tactical communications and mobile subscriber equipment at echelons above corps (EAC) and corps; line-of-sight engineering and communications interfacing between EAC and Corps. AOC: 25C. Crd hrs: 4.

Subcourse: SS0122

Title: Plan Signal Support Requirements for Fire Support.

Description: Plan and provide signal support for fire support units. AOC: 25C. Crd hrs: 3.

Subcourse: SS0123

Title: Plan Signal Support Requirements for Air Defense Systems.

Description: Organization and mission of divisional air defense units; signal systems that support divisional air defense units and signal planning for those units. AOC: 25C. Crd hrs: 2.

Subcourse: SS0124

Title: Plan Signal Support Requirements for Combat Service Support Systems.

Description: Organization and mission of divisional combat service support units; signal systems that support divisional combat service support units and signal staff planning for those units. AOC: 25C. Crd hrs: 2.

Subcourse: SS0125

Title: Plan Signal Support Requirements for Intelligence/Electronic Warfare Systems.

Description: Organization and mission of divisional military intelligence units; signal systems that support divisional military intelligence units and signal staff planning for those units. AOC: 25C. Crd hrs: 3.

Subcourse: SS0130

Title: Principles of Radio Wave Propagation.

Description: Fundamentals of radio wave propagation, modulation, propagation characteristics through different media, ground wave propagation and the terrestrial influences that affect communications, sky wave propagation and the effects of atmospheric conditions on radio communication. AOC: 25C. Crd hrs: 10.

Subcourse: SS0131

Title: Antenna Theory.

Description: Theory of antennas to include the principles of antenna radiation, characteristics and capabilities of the various types of tactical combat net radio, high frequency, ultra high frequency, very high frequency antennas, formulas used in antenna design, and fabricating field expedient antennas using various repair techniques. AOC: 25C. Crd hrs: 5.

Subcourse: SS0132

Title: Tactical Combat Net Radios.

Description: Covers the AN/VRC-12 Series, Single Channel Ground and Airborne Radio System, amplitude modulation, improved high frequency, and single channel tactical satellite radios. AOC: 25C. Crd hrs: 6.

Subcourse: SS0133

Title: Combat Net Radio Planning and Deployment.

Description: How combat net radio supports Army operations doctrine, and the planning and management factors associated with single-channel radio. Combat net radio and its planning and management. AOC: 25C. Crd hrs: 3.

Subcourse: SS0134

Title: Offensive Electronic Warfare.

Description: Basic concepts and applications of electronic warfare and the methods employed in conducting offensive electronic warfare operations. AOC: 25C. Crd hrs: 6.

Subcourse: SS0135

Title: Defensive Electronic Warfare.

Description: Techniques for anti-electronic countermeasures and anti-electronic warfare support measures. Sources of electromagnetic interference. Staff responsibility for electronic counter-countermeasures. AOC: 25C. Crd hrs: 8.

Subcourse: SS0136

Title: Joint/Combined Electronic Warfare Operations.

Description: Organization structure of unified commands, specified commands, joint forces, combined forces, and associated electronic warfare support. Command, Control, and communications countermeasures (C³CM) and the support the intelligence and electronic warfare system provides to(C³CM and the(C³CM responsibilities of the joint force commander and staff. AOC: 25C. Crd hrs: 2.

Subcourse: SS0137

Title: Communications Security.

Description: Communications security (COMSEC) custodian duties, identifying COMSEC material, cryptofacility approval, physical security of COMSEC material and keys, COMSEC accountability, COMSEC emergency plans, and COMSEC–related inspections and audits. AOC: 25C. Crd hrs: 7.

Subcourse: SS0139

Title: Select Signal Nodes.

Description: Function, composition, placement, and site configurations of signal nodes and the planning procedures for the relocation and reestablishment of support for a tactical command post. AOC: 25C. Crd hrs: 2.

Subcourse: SS0305 (Proponent: Combined Arms Support Command)

Title: Operators and Organizational Maintenance of Radio Data Link, Sound Ranging AN/GRA–114.

Description: Install, operate and maintain the AN/GRA–114. MOS: 35E. Crd hrs: 10.

Subcourse: SS0328

Title: Introduction to Technical Control—Part I.

Description: Tasks related to the technical control facilities to include the patching panels and distribution frames. (Prerequisite: SS0330.) MOS: 31N. Crd hrs: 3.

Subcourse: SS0329

Title: Introduction to Technical Control—Part II.

Description: Tasks related to the technical control facilities to include interfacing of voice frequency circuits and types of communications circuits. (Prerequisite: SS0328.) MOS: 31N. Crd hrs: 3.

Subcourse: SS0330

Title: Introduction to Telephone and Telegraph Transmission.

Description: Introduction to the principles of sound waves and their relationship to the telephone transmitter and receiver. The characteristics and properties of a transmission line. The description and characteristics of local and common-battery telephone systems. An introduction to the fundamentals of the teletypewriter, to include the connections and transmission principles. MOS: 31N. Crd hrs: 8.

Subcourse: SS0332

Title: Introduction to Circuit Conditioning.

Description: Standards of performance for different types of communications systems in the Defense Communications Agency; determination of transmission losses and gains; characteristics of cable and radio communications facilities as they affect circuit quality. MOS: 31N. Crd hrs: 6.

Subcourse: SS0333

Title: Telephone System Characteristics.

Description: Characteristics of telephone systems including network losses and gains, envelope delay and amplitude frequency relationship; importance of impedance matching and balance, causes and effects of crosstalk, harmonic distortion and intermodulation distortion, application of echo suppressors and companders to long telephone lines. MOS: 31N. Crd hrs: 8.

Subcourse: SS0334

Title: Telephone Circuit Conditioning.

Description: Identification of circuit impairments that can be corrected by circuit conditioning and those that require other actions; circuit conditioning techniques designed to overcome specified impairments; record keeping by circuit conditioners and technical controllers, together with the relationships of their responsibilities in maintaining records. MOS: 31N. Crd hrs: 9.

Subcourse: SS0344

Title: Microwave Techniques.

Description: Operation of the devices used for the generation and amplification of microwave energy; purpose and characteristics of waveguides, waveguide devices, antennas, and reflectors; block-diagram analysis of microwave transmitters and receivers; effects of noise on communications; noise ratings of receivers and receiver systems. MOS: 31M. Crd hrs: 13.

Subcourse: SS0345

Title: Fundamentals of Microwave Communications.

Description: Tasks related to providing line-of-sight radio transmission path; profiling tropospheric scatter radio transmission. MOS: 31M. Crd hrs: 2.

Subcourse: SS0409 (Proponent: Combined Arms Support Command)

Title: Troubleshooting the TA–838/TT Telephone Set.

Description: How to perform data, installation, and operation and identify components, schematic components and circuitry when

performing troubleshooting of the TA-838/TT Telephone Set. You must have access to this equipment to complete this subcourse. MOS: 35E. Crd hrs: 2.

Subcourse: SS0411 (Proponent: Combined Arms Support Command)

Title: Troubleshooting and Final Testing of the TA-312/PT Telephone Set.

Description: How to perform installation, control and data; identify schematic components and troubleshooting and final testing of the TA-312/PT Telephone Set. You must have access to this equipment to complete this subcourse. MOS: 35E. Crd hrs: 2.

Subcourse: SS0431

Title: Outside Plant Construction Plans and Vehicles.

Description: Organizational planning, route surveying, and grading; staking pole, guy anchor and fixture locations; conforming the detailed plans to the plant constructed; joint use of aerial electric power-supporting plant for supporting communications plant; description of outside construction vehicles. MOS: 31L. Crd hrs: 9.

Subcourse: SS0437

Title: Testing Wire Lines and Locating Faults.

Description: How to perform tasks related to troubleshooting field wire WD-1()/TT. Also provides procedures and methods of testing wire lines and locating faults. You must have access to this equipment to complete this subcourse. MOS: 31L. Crd hrs: 3.

Subcourse: SS0438

Title: Installation/Troubleshooting Telephone Substation.

Description: Install a substation protector on the side of a building, connect the ground wire to the protector and the other end to a cold water pipe; install telephone drop wire from ready access terminal to the side of the building and connect one end to the binding post in accordance with DA Form 3938 (Local Service Request), fasten drop wire to the building using angle screw with knob and connect the other end to the substation protector. MOS: 31L. Crd hrs: 18.

Subcourse: SS0439

Title: Set Poles, Install Anchors and Guys.

Description: Information on setting poles, pole inspection, and installing anchors and guys. MOS: 31L. Crd hrs: 10.

Subcourse: SS0440

Title: Installation, Maintenance, Recovery, and Service of Telephone Cable WD-1()/TT or WF-16/U.

Description: Information on installation, maintenance, recovery, and servicing of telephone cable WD-1()/TT or WF-16/U. MOS: 31L. Crd hrs: 13.

Subcourse: SS0441

Title: Tactical Telephones.

Description: Installation and operation procedures for tactical telephones. This training is useful for those in a signal unit supporting another unit; a signal battalion within a division that is equipped with mobile subscriber equipment; or a signal unit supporting echelons above corps. Gives procedures to install telephone sets TA-312/TT, TA-314()/TT, TA-838()/TT, TA-954/TT, TA-1035/TT, terminal equipment TD-1233/TT and TD-1234/TT. Teaches maintenance procedures for telephone set TA-838()/TT and how to complete DA Form 2404 (Equipment Inspection and Maintenance Worksheet). MOS: 31L. Crd hrs: 8.

Subcourse: SS0442

Title: Install, Operate, and Perform Unit Level Maintenance on Reel Unit RL-31-(*)/G.

Description: Basic procedures to set up or install, operate, and perform unit level maintenance on reel unit RL-31, RL-31-B, RL-3-C, RL-31-D, and RL-31-E. MOS: 31L. Crd hrs: 4.

Subcourse: SS0443

Title: Installation, Operation, and Maintenance Procedures for RL-207()/G and RL-207()/A/G.

Description: This training is for those in a signal unit supporting another unit; or in a battalion, division, or corps signal support battalion. MOS: 31L. Crd hrs: 6.

Subcourse: SS0444

Title: Cable Construction.

Description: Construction practices generally followed by wire systems installer personnel. This training is for those in a signal unit supporting another unit; a signal battalion with a division that is equipped with mobile subscriber equipment; or a signal unit supporting echelons above corps. MOS 31L. Crd hrs: 8.

Subcourse: SS0463 (Proponent: Combined Arms Support Command)

Title: Operation of Electron Tube Test Set TV-7/U.

Description: Description and use of Electron Tube Test Set TV-7/U. Use of tube test set in determining the condition of the electron tubes under test by comparing and interpreting, and indications received on the tube test set with minimum standards listed in the test data book. MOS: 35E. Crd hrs: 2.

Subcourse: SS0507

Title: Principles of Photography.

Description: Introduction to photography, camera principles and black and white sensitized materials. MOS: 25V. Crd hrs: 5.

Subcourse: SS0508

Title: Photographic Filters and Techniques.

Description: How to refine the techniques used to control exposure, filters, composition and perspective. MOS: 25V. Crd hrs: 6.

Subcourse: SS0509

Title: Laboratory Procedures.

Description: Types and uses of chemistry; procedures for processing negatives and prints, for mixing and storing chemicals, and for producing contact and projection prints; photographic and quality control. MOS: 25V. Crd hrs: 5.

Subcourse: SS0510

Title: Introduction to Portrait Photography.

Description: Basics of portrait photography, types of portrait cameras, portrait lighting, posing the subject. MOS: 25V. Crd hrs: 6.

Subcourse: SS0511

Title: Copy Photography I.

Description: Copy camera functions and lens optics. MOS: 25V. Crd hrs: 8.

Subcourse: SS0512

Title: Copy Photography II.

Description: Information on the function and selection of filter functions, on copy film, and the procedures for making photographic copy. (Prerequisite: SS0511.) MOS: 25V. Crd hrs: 2.

Subcourse: SS0513

Title: Photographic Quality Control.

Description: Chemical mixing and storage; determining pH and specific gravity; sensitometry and photographic process control; operate sensitometer, densitometer and plotting control charts. MOS: 25V. Crd hrs: 3.

Subcourse: SS0514

Title: Introduction to Basic Color Photography.

Description: Presents information on color photography, including theory, exposure, and printmaking. Topics covered include theory of light, additive and subtractive processes and color characteristics; color film structure, color conversion and color-compensating filters, and color film storage and handling; color negative films; color negative printing techniques; color reversal film processing; and slide duplicating techniques. MOS: 25V. Crd hrs: 5.

Subcourse: SS0515

Title: Organizational Maintenance of Laboratory Equipment.

Description: Tasks related to maintaining photographic laboratory equipment. Information on the EN-91A, EN-18B, and EN-105A Projection Printers, EN-100A Contact Printer, EL-5 Print Drier, and EK-1 Print Washer. MOS: 25V. Crd hrs: 5.

Subcourse: SS0516

Title: Introduction to Special Photographic Assignments.

Description: How to accomplish special photographic assignments in photojournalism, group and awards photography, investigative photography, clinical/medical photography, and architectural photography. Topics include selection of equipment, lens, film format, and film. Also discusses techniques for use in investigation and documentation photography. MOS: 25V. Crd hrs: 6.

Subcourse: SS0517

Title: Tactical Documentation Photography.

Description: Covers tactical photography such as terrain, roads, enemy movement, camouflage, concealment aerial and other variables. MOS: 25V. Crd hrs: 3.

Subcourse: SS0519

Title: Script-Writing for Educational Visual Information Programs.

Description: Writing scripts for educational programs including research techniques, training objectives, writing outlines, screen treatments, basic principles of script writing, camera movements that support a presentation, and story board layout leading to final script development. MOS: 25V. Crd hrs: 2.

Subcourse: SS0520

Title: Operation of Automatic Film Processors.

Description: Information on general operation of this type of equipment and on specific models such as the Versomat 11C-MW. MOS: 25V. Crd hrs: 3.

Subcourse: SS0522

Title: Operation and Maintenance of Photographic Equipment.

Description: Provides techniques of operation of a general array of common photographic equipment. Also discusses maintenance procedures. MOS: 25V. Crd hrs: 10.

Subcourse: SS0523

Title: Operation of Automatic Print Processors.

Description: Information is provided which is not currently available through resident training in Advanced Individual Training for MOS 25V. Also intended to aid the Illustrator, MOS 25M, merge into MOS 25Z at Skill level 3. MOS: 25V. Crd hrs: 4.

Subcourse: SS0524

Title: Audio Production Principles.

Description: Information on several tasks which are performed at increasing levels of difficulty at skill levels 1, 2, and 3. MOS: 25V. Crd hrs: 4.

Subcourse: SS0525

Title: Lettering Techniques.

Description: Provides information on types and styles of lettering, the tools required to letter and methods of mechanical lettering. MOS: 25M. Crd hrs: 5.

Subcourse: SS0526

Title: Draw Objects in Perspective.

Description: Information is provided on one, two, and three point perspective. MOS: 25M. Crd hrs: 1.

Subcourse: SS0529

Title: Prepare Overlays.

Description: Basic methods for preparing map overlays and view graph transparency overlays, including standard symbols used for creating concise, informative graphics and procedures for producing diazo-processed transparencies used for overhead projection. MOS: 25M. Crd hrs: 5.

Subcourse: SS0530

Title: Designing and Preparing Presentation Materials.

Description: Procedures for preparing effective work orders and presenting data, methods of reproduction, illustrating for television, printing and color separation processes, and how to use printed materials with a copy camera, opaque and overhead projectors. MOS: 25M. Crd hrs: 7.

Subcourse: SS0531

Title: Realistic Drawing.

Description: Describes tools and drawing surfaces, principles of realistic drawing, and media and techniques. Crd hrs: 2.

Subcourse: SS0535

Title: Filming Uncontrolled Action.

Description: Methods of filming uncontrolled action using both motion picture and television cameras. MOS: 25V. Crd hrs: 3.

Subcourse: SS0536

Title: Documentation Cinematography.

Description: Methods of using cinematography to document subjects using various filming techniques, team coverage, captions, and slating. MOS: 25V. Crd hrs: 4.

Subcourse: SS0546

Title: Fundamentals of Video Tape Recorders (VTRs).

Description: Tasks related to proper operation and maintenance practices of basic TV video tape recorders. Includes basic operation of Helical Scan Video Tape Recorders, fundamentals of tape transport, maintenance practices, and hookup and interconnection of video tape recorders. MOS: 25V/R. Crd hrs: 2.

Subcourse: SS0547

Title: Field Television Production.

Description: Skill Level 1 training. Tasks related to document information with the Electronic News Gathering System/Electronic Field Production Components System, lighting and editing. The logical development of a pre-production, production, and post-production is described in detail. Focuses on technique rather than equipment. MOS: 25V. Crd hrs: 2.

Subcourse: SS0548

Title: Operation of Electronic News Gathering System/Electronic Field Production Components (ENG/EFP).

Description: Skill Level 1 training. Includes operation of an ENG/EFP system, operation of a zoom lens, and operator's maintenance and safety procedures. Designed to support tasks on operating ENG/EFP equipment, operating a zoom lens, and operator's maintenance of camera cables and connectors. MOS: 25V. Crd hrs: 3.

Subcourse: SS0549

Title: Basic Lighting Techniques.

Description: Basic techniques of television lighting in both the studio and the field. MOS: 25V. Crd hrs: 3.

Subcourse: SS0550

Title: Filming Controlled Action.

Description: Enhances knowledge and performance of tasks relating to filming controlled action. MOS: 25V. Crd hrs: 2.

Subcourse: SS0551

Title: Video Tape Editing and Character Generator Operation.

Description: Basic principles of video tape editing, techniques used during editing, and the basic concept of video tape editing operation. MOS: 25V. Crd hrs: 4.

Subcourse: SS0572

Title: Printing Color Negatives.

Description: Techniques of printing color negatives. Based on Eastman Kodak color negative film processed in C-41 chemistry. (Prerequisite: SS0514.) MOS: 25V. Crd hrs: 1.

Subcourse: SS0573

Title: Photography in Climatic Extremes.

Description: Methods necessary to operate photographic equipment in various parts of the world. Information on operating in cold, desert, humid, and hot regions. MOS: 25V. Crd hrs: 2.

Subcourse: SS0574

Title: Photographic Documentation-Administration and Preparation.

Description: Preparing for a photographic assignment, planning a picture story sequence, writing photographic captions, and methods and equipment used in numbering photographic negatives. MOS: 25V. Crd hrs: 3.

Subcourse: SS0600

Title: Troubleshooting Television Studio System Equipment.

Description: Maintaining and troubleshooting television studio system equipment. Information on several tasks which are performed at increasing levels of difficulty at Skill Levels 1, 2, and 3. MOS: 25R. Crd hrs: 2.

Subcourse: SS0601

Title: Basic Circuits of Television Studio Equipment (Cameras and Audio).

Description: Maintenance and repair of basic television studio equipment. Information on several tasks which are performed at increasing levels of difficulty at Skill Levels 1, 2, and 3. MOS: 25R. Crd hrs: 5.

Subcourse: SS0602

Title: Application of TV Test Equipment.

Description: Maintenance and repair of television system equipment. Several tasks of MOS 25R are supported by this training on the use of test meters, oscilloscopes, grating generators, Dot Bar generators and the Video Sweep Marker Generator. MOS: 25R. Crd hrs: 6.

Subcourse: SS0603

Title: TV Audio Systems.

Description: Operation and maintenance of the audio systems found in a typical television studio. Areas include audio console, microphones, audio tape recorders, radio and line transmission, AM/FM characteristics, stereo phase procedures, electronic requirements of radio receivers, components of recording systems, audio speakers, cable and cords, and uses of basic measuring equipment. MOS: 25R. Crd hrs: 5.

Subcourse: SS0604

Title: Maintenance Fundamentals of 3/4-Inch Video Cassette Recorders.

Description: Theory and terminology of video recorders, the principles of helical scan recording, helical scan VCR circuits in record mode, the fundamentals of VCR playback circuits, and the fundamentals and operation of the audio and servo circuits of a helical scan VCR. MOS: 25R. Crd hrs: 4.

Subcourse: SS0605

Title: Logic Circuits and Devices.

Description: Basics of logic circuits, symbol identification, positive and negative logic, and the outputs of basic logic circuits. (Prerequisite: SS0391.) MOS: 25R. Crd hrs: 5.

Subcourse: SS0606

Title: Analyzing Color Video and Video Test Signals.

Description: The fundamentals of color used in television transmission, the identification of the four basic color bar test signals, and the identification of the five basic electronic television test signals. MOS: 25R. Crd hrs: 5.

Subcourse: SS0607

Title: The Principles of Television Studio Timing Systems.

Description: Tasks related to timing systems used in the studios. MOS: 25R. Crd hrs: 4.

Subcourse: SS0652

Title: Operating Through Radio Jamming and Deception.

Description: Principles of electronic jamming and deception; main types of jamming signals; measures established to protect telecommunications against interception and fraudulent transmissions. MOS: 31C. Crd hrs: 2.

Subcourse: SS0653

Title: Select Team Radio Site.

Description: How to select a team radio site under all weather conditions in a field or garrison location. Technical considerations, tactical considerations, and administrative and logistical considerations. MOS: 31C. Crd hrs: 3.

Subcourse: SS0655

Title: Supervise Operation of Team Within a Radio Net.

Description: Performing supervision skills in the operation of a team within a radio net. MOS: 31C. Crd hrs: 3.

Subcourse: SS0656

Title: Supervise Station/Net Duties and Inspect Station/Net Operation.

Description: Tasks related to the supervision of a radio team. MOS: 31C. Crd hrs: 2.

Subcourse: SS0657

Title: Direct Installation of Antennas.

Description: Supervisory tasks related to the requirements for installation of antennas. Select antenna sites, direct the installation of common high frequency (HF) antennas, and direct the construction and installation of field expedient HF antennas. MOS: 31C. Crd hrs: 2.

Subcourse: SS0710

Title: Install, Operate, and Perform Organizational Maintenance on Radio Sets AN/GRC-193, Part I.

Description: Identify the components and state the characteristics and capabilities; install, operate, and perform operator's preventive maintenance checks and services. MOS: 31C. Crd hrs: 4.

Subcourse: SS0711

Title: Install and Perform Unit-Level Maintenance of 193A Radio Set (IHFR), Part II.

Description: Install or reinstall, evaluate operation, systems troubleshoot, and perform unit level preventive maintenance checks and service on Radio Set AN/GRC-193A. MOS: 31V. Crd hrs: 6.

Subcourse: SS0713

Title: Electrical/Electronic Safety.

Description: Identify safety precautions and procedures associated with electrical and electronic equipment. MOS: 31V. Crd hrs: 1.

Subcourse: SS0716

Title: Install, Operate, and Perform Organizational Maintenance on Radio Sets AN/PRC 104 and AN/GRC 213, Part I.

Description: Identify the components and state the characteristics and capabilities, install and operate, and perform operator's preventive maintenance checks and services on Radio Sets AN/PRC-104 and AN/GRC-213. MOS: 31C. Crd hrs: 4.

Subcourse: SS0717

Title: Install and Perform Unit Level Maintenance on AN/PRC-104 and AN/GRC-213, Part II.

Description: Install or reinstall, evaluate operation, systems troubleshoot to a defective component, cable, or accessory, and perform unit level preventive maintenance checks and services on Radio Sets AN/PRC-104 and AN/GRC-213. MOS: 31V. Crd hrs: 4.

Subcourse: SS0719

Title: System Troubleshoot Radio Sets AN/VRC-64 and VRC-160 (Secure).

Description: Perform operation and equipment performance checks; items to be checked; switch bypass, matching unit and power, keying and continuous keying, audio, rush, speaker, squelch, muting, antenna mismatch, and forward and reflected power; checks on the KY-57 include alarm, cipher, and sidetone, instructions after repair. MOS: 31V. Crd hrs: 4.

Subcourse: SS0721

Title: Evaluate the Operation of Intercommunications Set AN/VRC-1(V).

Description: How to initially perform adjustments and presets on the system; verify installation of the set; identify faults found on the system and the proper recording of those faults. MOS: 31V. Crd hrs: 4.

Subcourse: SS0725

Title: System Troubleshoot to Corrective Action AN/VRC-12 Series Radio Set with COMSEC Equipment, Part I.

Description: How to system troubleshoot the different configurations of AN/VRC-12 series radio sets with COMSEC equipment. How to identify the defective circuit and, using the appropriate diagrams, trace the circuit, take voltage and continuity checks and identify the faulty components, cables, or accessories. Instructions on the proper corrective action to take once the problem has been identified and how to complete the proper maintenance forms. MOS: 31V Level I. Crd hrs: 15.

Subcourse: SS0726

Title: System Troubleshoot to Corrective Action AN/VRC-12 Series Radio Set with COMSEC Equipment, Part I.

Description: System troubleshooting AN VRC-12 series radio set with COMSEC equipment receiver-transmitter keying and muting circuit to a defective component, cable, or accessory; troubleshooting with no muting; troubleshooting the transmit signal path including transmit malfunction, voice modulation, and receiver-transmitter distance check; using the equipment performance checklist while troubleshooting; taking proper corrective action once the problem is found, and completing the proper maintenance forms. (Prerequisite: SS0725.) MOS: 31V Level I. Crd hrs: 10.

Subcourse: SS0728

Title: System Troubleshoot the Intercommunication Set AN/VIC-1(V) with Medium Power FM Radio and FM Radio and COMSEC Equipment (Vinson).

Description: How to identify the defective circuit and, using the system diagram provided, trace the circuit, take the voltage and continuity checks, and identify the faulty components, cable, or accessories; how to take proper corrective action once the problem is found and how to complete the proper maintenance forms. You must have access to the equipment to complete this subcourse. (Prerequisites: SS0721, SS0725, and SS0726.) MOS: 31V. Crd hrs: 25.

Subcourse: SS0732

Title: Radio Set AN/GRC-103(V).

Description: Description and system application of AN/GRC-103(V); layout of an antenna site and procedures for assembly, erection and disassembly of the antenna system used with the AN/GRC-103(V); function of controls and indicators and procedures for Band I tuning; procedures for performing daily, weekly, monthly and quarterly preventive maintenance. MOS: 31M. Crd hrs: 12.

Subcourse: SS0754

Title: Operate SINCGARS Single Channel.

Description: The Single Channel Ground and Airborne Radio System (SINCGARS) is a new family of FM combat net radios. This subcourse contains a systems overview and all the detailed illustrations for installing, connecting, operating in the single channel mode, and maintaining SINCGARS. How to properly operate SINCGARS radio sets to include manpack configuration in the single channel mode. You must have access to a SINCGARS (AN/PRC-119) to complete this subcourse. MOS: 31K. Crd hrs: 14.

Subcourse: SS0755

Title: Operate SINCGARS, Frequency Hopping Operations.

Description: Provide protection from interception, jamming, and deception using an electronic counter-countermeasure called frequency hopping. (Prerequisite: SS0754.) MOS: 31K. Crd hrs: 13.

Subcourse: SS9457

Title: Operator's Installation, Operation, Maintenance, and Troubleshooting on SATCOM Radio Sets AN/PSC-3 and AN/VSC-7.

Description: Introduction to SATCOM Radio Sets AN/VSC-7 and AN/PSC-3 covering the installation, operation, maintenance and troubleshooting of these radio sets. Will enable you to accomplish these tasks at the operator/crew level. You must have access to the equipment to complete this subcourse. MOS: 31V10. Crd hrs: 8.

Subcourse: SS9713 (Proponent: Combined Arms Support Command)

Title: Receiver-Transmitter Radio RT-246/VRC and/or RT-524/VRC (SOJT).

Description: Troubleshooting the RT-246/VRC or RT-524/VRC, with practice exercises on troubleshooting problems at direct support level. You must have access to the equipment and components. MOS: 35E. Crd hrs: 6.

Subcourse: SS9736

Title: Organizational Troubleshooting of Radio Set AN/PRC-77 (SOJT).

Description: How to perform organizational maintenance tasks on Radio Set AN/PRC-77. You must have access to two complete Radio Sets AN/PRC-77 with accessories and one Test Set TS-2609/U to complete this subcourse. (Prerequisite: IS1133.) MOS: 31V. Crd hrs: 3.

Subcourse: SS9737 (Proponent: Combined Arms Support Command)

Title: Direct Support Troubleshooting and Alignment of Radio Set AN/PRC-77 (SOJT).

Description: Allows the learner to practice on troubleshooting and aligning problems at the direct support level. You must have RT-841/PRC-77, test equipment and additional equipment listed in para 3-3 of TM 11-5820-667-35 available for use. (Prerequisites: IS1133 and SS9736.) MOS: 35E. Crd hrs: 8.

Subcourse: SS9738 (Proponent: Combined Arms Support Command)

Title: General Support Alignment of RT-841/PRC-77 (SOJT).

Description: Procedures for aligning Radio Set AN/PRC-77, with a practice exercise for the learner to experience alignment problems. You must have access to a complete Radio Set AN/PRC-77 and test equipment (or equivalent) tools as listed in para 4-7 in TM 11-5820-667-35 to complete this subcourse. (Prerequisite: IS1133, SS9736, and SS9737.) MOS: 35E. Crd hrs: 4.

Subcourse: SS9743 (Proponent: Combined Arms Support Command)

Title: General Support Troubleshooting and Testing of Radio Set AN/GRC-106 (SOJT).

Description: Troubleshooting Receiver-Transmitter RT-662/GRC or RT-834/GRC and Amplifier Radio Frequency AM-3349/GRC-106, general support acceptability testing of AN/GRC-106, with practice exercise for the learner to experience troubleshooting and acceptability testing at GS level. You must have RT-662/GRC or RT-834/GRC and AM-3349/GRC-106 and test equipment available to complete this subcourse. (Prerequisite: MM0731.) MOS: 35E. Crd hrs: 12.

Subcourse: SS9782

Title: Operator's Maintenance of Multiplexer Sets AN/FCC-100(V) and AN/FCC-100(V)IX.

Description: Basic requirements for maintenance of multiplexer set AN/FCC-100(V) at the operator's level. Guidance on use of maintenance forms describes multiplexer set and lists important performance data. The instructions cover operation, testing and troubleshooting of the multiplexer set. You must have access to this equipment to complete this subcourse. MOS: 29V. Crd hrs: 10.

Subcourse: SS9783

Title: Organizational Maintenance of Multiplexer Set AN/FCC-100(V).

Description: Tasks related to maintenance of Multiplexer Set AN/FCC-100(V) at the organizational level. You must have access to this equipment to complete this subcourse. MOS: 29V. Crd hrs: 10.

Subcourse: SS9803

Title: Install the Automatic Switchboard Telephone SB-3614A(V)/TT.

Description: Assemble (set up), install terminal cards, set switches, install wire lines, and program the SB-3614A(V)/TT. You must have access to this equipment, components and tools to complete this subcourse. MOS: 36M. Crd hrs: 10.

Subcourse: SS9804

Title: Operate Switchboard Telephone SB-3614A(V)/TT (SOJT).

Description: Teaches skills and knowledge necessary to provide first-line communications with the SB-3614A in a battlefield environment. How to extend local, trunk, conference, and one-time precedence calls, and render operator assistance to subscribers. You must have access to equipment and appropriate tools and test equipment to complete this subcourse. MOS: 36M. Crd hrs: 7.

Subcourse: SS9805

Title: Perform Operator/Unit Level Troubleshooting of Switchboard SB-3614A(V)/TT.

Description: Teaches skills and knowledge necessary to provide first-line communications with the SB-3614A in a battlefield environment. Identifying the problem by observing fault symptoms, isolating the fault using database diagnostic commands, substituting parts, and correcting the problem by database update. You must have access to equipment, spare parts, and proper tools to complete the practical exercise and receive credit for the subcourse. MOS: 36M. Crd hrs: 4.

Subcourse: SS9806

Title: Perform PMCS and Unit Maintenance of the Telephone SB-3614A(V)/TT.

Description: Troubleshooting SB-3614A(V)/TT for failures indicated by failure lamps caused by faulty PCB cards. Organizational level troubleshooting of operational and subscriber observed failures. You must have access to this equipment to complete this subcourse. (Prerequisites: SS9803, SS9804 and SS9805.) MOS: 36M. Crd hrs: 8.

Subcourse: SS9807

Title: Installation of the Automatic Telephone Central Office AN/TTC-41(V)2 (SOJT).

Description: Preparing this equipment for use, including introduction, grounding, connecting power, making signal connections, installation of storage battery, and installation of the equipment itself. You must have access to this equipment plus components to complete this subcourse. MOS: 36M. Crd hrs: 17.

Subcourse: SS9808

Title: Operation of the Automatic Telephone Central Office, AN/TTC- 41(V)2 (SOJT).

Description: Procedures to start up equipment, operate and perform the shutdown procedures. You must have access to the equipment, external power source, components and tools to complete this subcourse. MOS: 36M. Crd hrs: 12.

Table 3-28

Transportation subcourses (TR)

Subcourse: TR0603

Title: Rail Operations Planning.

Description: General planning information; terminology; practical exercise in the computation of tonnage capacities and equipment, personnel, and supply requirements. AOC: 88A-E. Crd hrs: 15.

Subcourse: TR0635

Title: Military Train Operations.

Description: Standard code of railway operating rules and an explanation of pertinent railway terminology; types of trains, superiority of trains, and methods of train operation, including train order; timetable, Clearance Form 'A,' and the record of train movements; standard railway signals required for safe and efficient operation of rail equipment over a rail division. AOC: 88A-E; MOS: 88N/U/V/W. Crd hrs: 4.

Subcourse: TR0636

Title: Rail Operations, Yard.

Description: Mission, functions, and characteristics of rail yards and terminals; switching, classification, and building up of through and local trains; operating personnel and their duties; safe operating practices. MOS: 88U-W. Crd hrs: 11.

Subcourse: TR0638

Title: Rail Operations, Dispatching.

Description: Train dispatching principles, including methods of dispatch on single, double, and multiple lines; dispatching personnel, documentation, records, and communications; right and superiority of trains; forms of train orders and their interpretation. MOS: 88U-W. Crd hrs: 14.

Subcourse: TR0640

Title: Rail Operation, Theater.

Description: Problems of setting up a railway service; its relationship with other agencies; phases and procedures of operation in a theater. AOC: 88A-E; MOS: 88U/V/W. Crd hrs: 2.

Subcourse: TR0655

Title: Railway Rolling Stock.

Description: Railway cars; their types, wheels, axles, trucks, underframes, draft gear, couplers, airbrakes, handbrakes, and safety appliances. MOS: 88Q. Crd hrs: 11.

Subcourse: TR0656

Title: Diesel Electric Locomotives.

Description: Mechanical and electrical construction; maintenance and repair of engine, mechanical parts, and electrical system. MOS: 88S/U. Crd hrs: 8.

Subcourse: TR0660

Title: Military Railway Equipment.

Description: Familiarization with military railway equipment with emphasis on the knockdown fleet available for worldwide use. AOC: 88A-E; MOS: 88H/N. Crd hrs: 1.

Subcourse: TR0670

Title: Railway Track Maintenance I.

Description: Fundamentals of railway engineering, roadbed, and drainage; the elements of track and fastenings; ties and tie treatment and rail joints; problems associated with construction and maintenance. MOS: 88T. Crd hrs: 10.

Subcourse: TR0671

Title: Railway Track Maintenance II.

Description: Track rehabilitation; use of special tools and equipment; types of switches; crossovers; diverging track maintenance and installations; types and characteristics of curves; methods of maintaining by stringlining; highway grade crossings, guard rails, and seasonal maintenance; problems of ice and snow; large-scale destruction and rehabilitation of rail plants in theaters; maintenance-of-way programming and management. MOS: 88T. Crd hrs: 15.

Subcourse: TR0675

Title: Maintenance of Diesel Electric Locomotives and Rolling Stock.

Description: Nomenclature of railway equipment; maintenance requirements of diesel-electric locomotives and rolling stock, maintenance forms and records. MOS: 88Q/S. Crd hrs: 3.

Subcourse: TR0690

Title: Loading, Blocking, and Bracing on Rail Cars.

Description: Principles of loading, blocking, and bracing; pertinent rules, regulations, and publications; material requirements for blocking and bracing equipment on flatcars. AOC: 88A-E; MOS: 88H/K/L/M/N/V. Crd hrs: 3.

Subcourse: TR1009

Title: Obtain Security Escorts and Convoy Clearance, and Meet Security Requirements of Motor Transport Movements.

Description: Information on requesting security classification for motor movements to include checking warning and operations orders; unit SOP and contingency plan; the cargo list of documentation; coordinating motor transport escort and security requirements to include reviewing operations order; coordinating support and escorts for convoy; providing route of march, radio frequencies and call signs; ensuring adequate security measures for motor transport movements to include planning the location of security elements; coordinating matters pertaining to vehicle security; securing halt locations; employing security practices; establishing SP/RPs/notifying receiving units; evaluating the need for special hauling permits to include reviewing the operations order; regulations to determine hazardous, dangerous, oversize, or overweight cargo reporting requirements; completing DD Forms 1266 (Request for Special Hauling Permit) and 626 (Motor Vehicle Inspection (Transporting Hazardous Materials)) and reviewing DD Form 836 (Dangerous Goods Shipping Paper/Declaration and Emergency Response Information of Hazardous Materials Transported by Government Vehicles/Containers/Vessels). AOC: 88A-E. Crd hrs: 4.

Subcourse: TR1022

Title: Preparation of the TCMD, the Shipment Planning Worksheet, and the Ocean Cargo Manifest Using MILSTAMP.

Description: Information on supervising the preparation of the DD Form 1384 (Transportation Control and Movement Document); checking the shipment planning worksheet; reviewing an ocean cargo manifest; and reviewing an ocean cargo manifest recapitulation or summary. AOC: 88A-E. Crd hrs: 6.

Subcourse: TR1025

Title: Review Tracing, Diversion, and Hold Documentation, and In-Transit Data/Performance Reports.

Description: Identify transportation functions, elements of distribution management and evolving technologies. Review tracing, diversion, hold documentation preparation, and in-transit performance reporting for material movements. AOC: 88A-E. Crd hrs: 6.

Subcourse: TR1029

Title: Supervise Hazardous Materials Handling and Establish a Nuclear Surety Program.

Description: Information on supervising hazardous materials handling to include identifying essential parts of CFR Title 49 and supervision of handling of hazardous materials on ocean vessels, motor vehicles and aircraft; establishing a Nuclear Surety Program to include preparing nuclear materials for shipment and ensuring personnel reliability throughout the Personnel Reliability Program. AOC: 88A-E. Crd hrs: 4.

Subcourse: TR1030

Title: Supervise the Land Transport of Hazardous Material.

Description: Information on supervising the loading of hazardous cargo; documenting, labeling and inspecting; placarding vehicles; inspecting loaded cargo; planning transport of cargo; informing carrier of security precautions; observing safety and security precautions. AOC: 88A–E. Crd hrs: 8.

Subcourse: TR2013

Title: Manage Materiel Movement Requirements.

Description: Theory of movement control, strategic, operational and tactical levels of movement control, movement control officer duties and responsibilities, transportation request process, coordinating the receipt of shipments, highway use scheduling and regulation, and coordination requirements for effective material movement. AOC: 88A–E. Crd hrs: 9.

Subcourse: TR2028

Title: Prepare Unit Rail Load Plans.

Description: Information on performing preplanning steps for a unit rail loadout; identifying the procedures and policies governing loading; computing railcar requirements and installation loading site track capability; determining the locking, bracing, and tie-down material requirements; and preparing the unit rail load plan. AOC: 88A–E. Crd hrs: 6.

Chapter 4 Nonconsolidated Activities Correspondence Courses

The courses listed in this chapter are administered by the individual activities. To enroll in these courses, follow instructions in the course listings.

Section I

U.S. Army Medical Department Center and School

4–1. General procedures

The U.S. Army Medical Department Center and School (AMEDDC&S) conducts its correspondence course program under guidelines shown in chapter 1. This section explains procedural differences.

4–2. Enrollment and reinstatement

a. Initial application for enrollment and subsequent application must be made at Internet site <http://www.atrrs.army.mil/channels/selfdev/>. A student may enroll in only one course, or one course and *no more than five* individual MD subcourses, at a time.

4–3. Internet Enrollment

a. Web site <http://atrrs.army.mil> contains a course catalog in the upper right corner. Enter School Code 555 to review course descriptions and prerequisites. Copy down the number and title for the course desired.

b. Return to the homepage. Click on SELF DEVELOPMENT to complete application for course desired.

4–4. Course completion requirement

The student's enrollment begins on the date the academic record is established. The Notice of Enrollment and Program Requirements mailed to the student contains the enrollment date and the annual requirement. A student who is unable to meet this requirement must request an extension.

4–5. Termination

The AMEDDC&S will terminate an enrollment for the following reasons:

- a. As requested by the student (voluntary withdrawal).
- b. Completion of course or subcourse(s) requested.
- c. Separation of the student from the Service or from Federal civilian employment.
- d. Failure to request an extension of the annual requirement.
- e. Failure to complete the annual requirement.

4–6. Copies of records

The Nonresident Instruction Branch can provide the student with a copy of his record to verify completed subcourses and courses.

- a. *Mail to student.* When the copy is to be mailed to the student the request may be made telephonically.
- b. *Mail to third party.* When the copy is to be mailed to a third party, the request must be made in writing and include the student's signature.

c. *Fax*. When the copy is to be faxed, the request must be made in writing and include the student's signature. If the fax is to a third party, include the telephone number of the office.

4-7. Revision of subcourses

a. Subcourses on-line. MD subcourses are being converted to on-line instruction. The student studies at the Reimer Digital Library (Web address <http://www.adtdl.army.mil/atdls.htm>) but completes the paper copy examination sent from the Nonresident Instruction Branch, AMEDDC&S.

b. When a subcourse is revised or deleted, information is placed in the *Medical Soldiers OUTLOOK* as to the last date on which the subcourse can be graded. This date cannot be extended. The *Medical Soldiers OUTLOOK* can also be found on the AMEDDC&S Web site, <http://das.cs.amedd.army.mil/>. Additional information concerning AMEDD correspondence courses and subcourses can be found at http://das.cs.amedd.army.mil/CC_HOME.HTM.

4-8. Certificates relative to assistance received

Although no longer required, the certificate signifies that answers recorded on the answer sheet are the student's own work and that the student has not had access to copies of answer sheets or solutions. The certificate is not intended to preclude students from studying lesson assignments together; and it is not intended to prevent the student from discussing subject content with other student graduates, members of their unit, or other military personnel who may be able to help them with problems they encounter in studying the subcourse. On the contrary, such actions are encouraged.

4-9. Checking material

Every effort is made to ensure that subcourse packets are complete and accurate. However, the student should check each packet immediately on receipt and notify AMEDDC&S if material is missing, incomplete, or inaccurate. The subcourse number, edition, and title shown on the answer sheet must match that printed on the subcourse booklet/examination.

4-10. Counseling services

a. Counseling services pertaining to correspondence courses are available to assist prospective students in planning an appropriate course of study as well as to assist those currently or previously enrolled who have questions regarding their status. Mail should be addressed to Nonresident Instruction Branch, AMEDDC&S, ATTN: MCCS-HSN, 2105 11th Street Suite 4191, Fort Sam Houston, TX 78234-5064.

b. Telephone calls are accepted by counselors during the hours of 0700 to 1630 (central time), Monday through Friday. Collect calls will not be accepted. Telephone numbers are (210) 221-5877, DSN 471-5877, and toll-free 1-800-344-2380.

c. Inquiries are accepted by e-mail at accp@amedd.army.mil

d. Counseling regarding content and development of materials (not administration) may be addressed to Academy of Health Sciences, Multimedia Development Branch, ATTN: MCCS-HLD, 2250 Stanley Road Ste 326, Fort Sam Houston, TX 78234-6130. You may call with questions about development to DSN 471-7338 or commercial (210) 221-7338, or 1-800-531-1114, extension 17338.

e. Send Internet communications regarding content (not administration) to Richard.Barcus@amedd.army.mil or Don.Atkerson@amedd.army.mil.

4-11. Recommended medical academic preparation program (MAPP) for certain resident courses

AMEDD personnel expecting to attend certain courses in residence at the AMEDDC&S are strongly encouraged to ensure their academic preparation for the course by enrolling in the correspondence subcourses listed below well in advance of resident schooling. These resident courses are demanding and maximum preparation is very helpful.

a. MAPP for Medical Equipment Repairer (Advanced) Course (4B-670A/198-91A30). MD0006, MD0010.

b. MAPP for Operating Room Specialist Course (301-91D10). MD0006, MD0010, MD0540, MD0913, MD0923.

c. MAPP for Dental Specialist Course (330-91E10). MD0501, MD0510.

d. MAPP for Patient Administration Specialist Course (513-91G10) MD0010.

e. MAPP for Medical Laboratory Specialist Basic Course (311-91K10). Completion of MD0803 will satisfy high school subject prerequisites for attendance at the resident course. MD0803, MD0851, MD0853, MD0010, MD0900.

f. MAPP for Hospital Food Service Specialist (Basic) Course (800-91M10). MD0900, MD0879, MD0880.

g. MAPP for Radiology Specialist Course (313-91P10). MD0900, MD0950, MD0956.

h. MAPP for Pharmacy Specialist Course (312-91Q10). Completion of MD0802 and MD0803 will satisfy high school subject prerequisites for attendance at the resident course. MD0900, MD0010, MD0801, MD0802, MD0803.

i. MAPP for Preventive Medicine Specialist Course (322-91S10). MD0055, MD0900, MD0151, MD0803.

j. MAPP for Health Care Specialist Course (300-91W10). MD0010, MD0006, MD0007.

Note. This program does not fulfill Phase 1 requirements for Reserve Component MOS-qualifying courses.

4-12. Professional development program for commissioned officers of the AMEDD

a. In accordance with directives from DA, pure correspondence courses for officer basic and advanced level have been deleted.

b. RC officers in SSI 67-series complete the OBC by resident 6-8-C20(MSC) OBC. Non-67 series AMEDD officers should attend the 6-8-C20 (RC) OBC.

c. Professional development courses for commissioned officers of the AMEDD are listed in paragraphs 4-13 through 4-16. Officer functional and skill progression courses are listed in paragraphs 4-17 through 4-21.

4-13. AMEDD Officer Advanced Course, Phase 1, 6-8-C22 (DL)

a. *Objective.* To prepare AMEDD officers for command, leadership, and staff positions of greater responsibility throughout the AMEDD during periods of peace and/or hostilities. The course is not designed to increase technical skills, but rather to serve as a lasting framework for professional officer training.

b. *Eligibility.*

(1) Active and Reserve Components commissioned officers in grades first lieutenant and above and warrant officers in any AMEDD branch.

(2) Must have credit for completion of an AMEDD Officer Basic Course.

(3) Active duty officers must have a minimum of 4 years time in service or be in 1LT(P) status. Request for waiver of this requirement can be sent to the following e-mail address: accp@amedd.army.mil.

(4) Credit for an AMEDD Officer Advanced Course or equivalent precludes enrollment.

(5) Requests by USAR and ARNG officers for constructive credit for or waiver of the OBC must be supported by evidence of military experience and/or training and must be sent through the Commander, AMEDDC&S, ATTN: MCCS-GRE (if USAR officer) or MCCS-GNG (if ARNG), 2250 Stanley Road Suite 238, Fort Sam Houston, TX 78234-6100.

c. *Curriculum.* 2 phases. Phase 1 should be completed within one year of enrollment; both phases must be completed within 2 years of initial enrollment. RC students may request a 1-year waiver from AMEDDC&S with justification.

(1) *Phase 1.* Correspondence program consisting of AMEDD branch specific instruction administered by the AMEDDC&S. Application is as shown in paragraphs 4-2 and 4-3 above.

(a) 17 subcourses on interactive CDs.

(b) *Subcourses.* MD0420, MD0482, IS7038, IS8720, MD0446, MD0447, MD0400, MD0478, MD0406, MD0407, MD0405, IS7033, MD0430, MD0431, MD0460, MD0408, MD0424.

(2) *Phase 2.* Upon completion of phase 1, the officer will be awarded a letter of eligibility for phase 2 and the completion will be entered in ATRRS.

(a) Active Component officers send a DA Form 3838 (Application for Professional Training) with a copy of the letter of eligibility to their Career Activities Officer who schedules phase 2 attendance.

(b) Reserve Component officers send a copy of the letter of eligibility with application through normal command channels.

(c) Phase 2 for AC officers is 9 weeks in residence at AMEDDC&S.

(d) Phase 2 for RC officers is 2 weeks in residence at AMEDDC&S.

(e) Class dates are shown on ATRRS under School Code 081 as course 6-8-C22 for AC and as course 6-8-C22(RC-OAC) for RC.

4-14. AMEDD Officer Branch Qualification Course (Basic) 081-C2OMS

a. *Objective.* To provide commissioned officers transferring to the AMEDD with AMEDD-specific instruction normally presented in the resident AMEDD OBC.

b. *Eligibility.* Commissioned officers who have transferred into, or are in the process of transferring into, an AMEDD officer corps and who have completed an officer basic course in a branch other than the AMEDD.

c. *Curriculum.* 5 subcourses.

d. *Subcourses.* MD0002, MD0004, MD0010, MD0029, MD0033.

4-15. AMEDD Officer Branch Qualification Course (Advanced) 081-C22MS

a. *Objective.* To provide commissioned officers transferring to the AMEDD with AMEDD-specific instruction normally presented in the resident AMEDD OAC.

b. *Eligibility.* Commissioned officers in the rank of first lieutenant or above who have transferred into, or are in the process of transferring into, the AMEDD and who have completed an officer advanced course in a branch other than AMEDD.

c. *Curriculum.* 7 subcourses.

d. *Subcourses.* MD0420, MD0400, MD0407, MD0405, MD0430, MD0460, MD0408.

4-16. AMEDD Company Grade Precommand Course (081-E-30)

a. *Objective.* To provide AMEDD officers with necessary administrative skills to function as a company or detachment commander.

b. *Eligibility.* This course is open to AMEDD officers in the rank of major and below who have completed an OBC.

c. *Curriculum.* 14 subcourses.

d. *Subcourses.* MD0002, MD0478, MD0420, MD0339, MD0400, MD0406, MD0407, IS0788, IS8718, IS8719, IS1202, IS1803, IS1804, RR0003.

4-17. Patient Administration/Associate Healthcare Administrator Course, 7M-F3(RC)(DL)

a. *Objective.* For AMEDD Medical Service Corps (MSC) Reserve Component officers who meet prescribed prerequisites, this course provides a short-course alternative to the resident Patient Administration/Associate Healthcare Administrator Course (7M-F3).

b. *Eligibility.* Nonactive duty RC commissioned MSC officers in the rank of major or below whose actual or anticipated assignment is to patient administration or healthcare administration duties. Must have completed, or received credit for, the AMEDD MSC OBC, 6-8-C20 MSC, or its equivalent.

c. *Administration.*

(1) Unit must make application for the correspondence phase 1 under ATRRS School Code 081.

(2) Upon completion of instruction comprising phase 1, the student is issued a letter of eligibility for use in applying, through normal command channels, for active duty for the purpose of attending phase 2.

(3) Upon completion of phase 2, a diploma for the 7M-F3 (RC) Course is awarded.

(4) Award of AOC 70E67 or AOC 70A67 is authorized upon completion of phase 2 and 12 months on-the-job experience (OJE) as a 70E67, patient administrator or as a 70A67, healthcare administrator. OJE will consist of a minimum of 48 unit training assemblies and a 14-day annual training (AT) period in a normal training year. The AT period may be unit training or counterpart training in a 70E67 position. Upon completion of this OJE period, application for award of 70E67/70A67 may be made under DA Pam 611-21. USAR should write to Commander, ARPERCEN, ATTN: DARP-OPM-P, 9700 Page Avenue, St. Louis, MO 63132-5260. ARNG should go through the appropriate State Adjutant General.

d. *Curriculum.* 2 phases. Phase 1 must be completed before reservation for phase 2 can be made.

(1) *Phase 1.* Correspondence.

(a) 7 subcourses.

(b) *Subcourses.* MD0010, MD0750, MD0751, MD0752, MD0753, MD0754, MD0755.

(2) *Phase 2.* 2 weeks resident training at the AMEDDC&S. Class dates are shown on ATRRS.

4-18. Medical Logistics Management Reserve Component Course, 8B-F20(RC)(DL)

a. *Objective.* For AMEDD MSC RC officers who meet prescribed prerequisites, this course offers a training program leading to the award of AOC 70K67.

b. *Eligibility.* Nonactive duty RC commissioned MSC officers in the rank of major or below (to include warrant officers with AOC 670A) with actual or anticipated assignment as a health service material officer. Grade restriction may be waived by the course director. Request for waiver must accompany DA Form 145. Must have completed or received credit for the AMEDD MSC OBC, 6-8-C20, or its equivalent.

c. *Administration.*

(1) Unit must make application for the correspondence phase 1 under ATRRS School Code 081.

(2) Upon completion of the instruction comprising phase 1, the student is issued a letter of eligibility for use in applying, through normal command channels, for active duty for the purpose of attending phase 2.

(3) Upon completion of phases 1 and 2, a diploma for the 8B-F20 (RC) Course is awarded.

(4) Award of AOC 70K67 is authorized on completion of phase 2 and 12 months OJE acquired by performing those duties normally associated with a 70K67 health services material officer. OJE will consist of a minimum of 48 unit training assemblies and a 14-day AT period in a normal training year. The AT period may be unit training or counterpart training in a 70K67 position. Upon completion of this OJE period, application for award of 70K67 may be made under DA Pam 611-21. USAR should write to Commander, ARPERCEN, ATTN: DARP-OPM-P, 9700 Page Avenue, St. Louis, MO 63132-5260. ARNG should go through the appropriate State Adjutant General.

d. *Curriculum.* 2 phases. Phase 1 must be completed before reservation for phase 2 can be made.

(1) *Phase 1.* Correspondence.

(a) 9 subcourses.

(b) *Subcourses.* MD0320, MD0321, MD0322, MD0328, MD0329, MD0333, MD0334, MD0335, MD0339.

(2) *Phase 2.* 2 weeks resident training at the AMEDDC&S. Class dates are shown on ATRRS.

4-19. Emergency Medicine Physician Assistant Basic Studies Course 081-EMPA

a. Objective. To direct the physician assistant towards the level of professional competence required to function in the area of medical treatment. The EMPA Correspondence Course is designed as an independent study program. The course is not intended as a comprehensive program of study, but as a basic introduction to the specialty of emergency medicine. A certificate of completion is awarded upon completion of the EMPA Course.

b. Eligibility. Enrollment is available to the Active and Reserve physician assistants of all U.S. armed services and Federal agencies. Affiliation with the American Association of Physician Assistants is required for nonmilitary enrollees.

c. Curriculum. This course includes 12 examinations. Upon completion, 50 Category I CME hours will be awarded by the American Academy of Physician Assistants.

d. Examinations. MD0071, MD0072, MD0073, MD0074, MD0075, MD0076, MD0077, MD0078, MD0079, MD0080, MD0081, MD0082.

e. Remarks. The student is required to furnish the following textbook: Emergency Medicine, A Comprehensive Study Guide, Fourth Edition. American College of Emergency Physicians. Edited by Judith E. Tintinalli, Ronald L. Krome, and Earnest Ruiz. New York: McGraw-Hill, Inc, 1996.

4-20. Introduction to Orthopaedic Surgery for Physician Assistants 081-OSPA

a. Objective. For the physician assistant who is serious in obtaining and pursuing an educational knowledge base in orthopaedic surgery. The course is designed for the physician assistant who (1) desires a more in-depth knowledge base in orthopaedics and orthopaedic surgery, or (2) desires to pursue the orthopaedic physician assistant residency.

b. Eligibility. Enrollment is available to the Active and Reserve physician assistants of all U.S. armed services and federal agencies. Affiliation with the American Association of Physician Assistants is required for nonmilitary enrollees.

c. Curriculum. This course includes 12 examinations. Upon completion, 50 Category I CME hours will be awarded by the American Academy of Physician Assistants.

d. Examinations. MD0091, MD0092, MD0093, MD0094, MD0095, MD0096, MD0097, MD0098, MD0099, MD0100, MD0101, MD0102.

e. Remarks. The student is required to furnish the following four textbooks: (1) Orthopedic Physical Assessment, Second Edition. By David J. Magee. Philadelphia: W.B. Saunders Company, 1992, or New York: McGraw-Hill, Inc, 1996. ISBN: 0648794. (2) Hollinshead's Functional Anatomy of the Limbs and Back, Sixth Edition. By David B. Jenkins. Philadelphia: W.B. Saunders Company, 1991. ISBN: 0-7216n‐5128n‐3. (3) Rockwood and Green's Fractures in Adults, Third Edition. Edited By Charles A. Rockwood, Jr. and David P. Green. Philadelphia: J.B. Lippincott Company, 1991. ISBN 0-397-51151-5. (4) Turek's Orthopaedic Principles and Their Applications, Fifth Edition. Edited by Stuart L. Weinstein and Joseph A. Buckwalter. Philadelphia: J.B. Lippincott Company, 1994. ISBN 0-397-50692-9.

4-21. Basic Orthopaedic Review for the Physician Assistant 081-ORTHO

a. Objective. To direct the physician assistant toward the level of professional competence required to function in the area of orthopaedic treatment. This course is designed as an independent study program. The course is not intended as a comprehensive program of study, but as a review for the physician assistant in the basics of orthopaedics. A certificate is awarded upon completion of the course.

b. Eligibility. Enrollment is available to the Active and Reserve physician assistants of all U.S. armed services and federal agencies. Affiliation with the American Association of Physician Assistants is required for nonmilitary enrollees.

c. Curriculum. This course includes six examinations. Upon completion, 18 Category II CME hours will be awarded by the American Academy of Physician Assistants.

d. Examinations. MD0111, MD0112, MD0113, MD0114, MD0115, MD0116.

e. Remarks. The Student is required to furnish the following textbook: One Hundred Orthopaedic Conditions Every Doctor Should Know, First Edition. By Ray A. Meals, M.D. St. Louis, MO: Quality Medical Publishing, 1992.

4-22. Skill Progress Correspondence Courses for Medical Enlisted Personnel

a. Objective. Courses in the following paragraphs provide instruction that will assist in achieving and maintaining MOS proficiency in medical enlisted career fields. They may be used in conjunction with appropriate training schedules to supplement on-the-job training in the student's unit. They may serve as refresher instruction for students currently qualified in medical enlisted MOS. Completion of a correspondence course does not, in itself, result in the awarding of an MOS. (See AR 600-200 and DA Pam 611-21.)

b. Eligibility. Enlisted personnel of all components of the U.S. Army who hold an AMEDD MOS 91- series or MOS 18D. For courses that do not include a specific prerequisite, the applicant must send justification on which to base a waiver of this eligibility requirement to e-mail address accp@amedd.army.mil. Officer personnel, members of

other branches of the Armed Forces, and civilian employees will be considered for eligibility when the requested instruction is job related.

4-23. Combat Lifesaver Enhancement Course 081-ENHANC

- a. Objective.* To provide enhancement training for combat lifesavers.
- b. Eligibility.* Personnel listed in paragraph 1-6 who have also completed the Combat Lifesaver Course.
- c. Curriculum.* 8 subcourses.
- d. Subcourses.* MD0010, MD0532, MD0554, MD0533, MD0547, MD0534, MD0548, MD0001.

4-24. Special Operations Medical Sergeant Preparatory Course 081-18DPREP

- a. Objective.* To prepare students who will attend the resident Special Operations Medical Sergeant (MOS 18D) course.
- b. Eligibility.* See paragraph 4-22*b*. Also available to personnel who hold an MOS in CMF 18.
- c. Administration.* Prospective enrollees are reminded that this correspondence course does not replace or substitute for the resident course for Special Operations Medical Sergeant. Students who enroll in this course are strongly urged to also enroll in the subcourses dealing with military subjects related to Special Operations.
- d. Curriculum.* 12 subcourses.
- e. Subcourses.* MD0010, MD0851, MD0006, MD0007, MD0152, MD0532, MD0564, MD0900, MD0803, MD0801, MD0802, MD0913.

4-25. Special Operations Medical Sergeant Sustainment Course 081-18D

- a. Objective.* To provide sustainment training to graduates of the resident 18D course.
- b. Eligibility.* See paragraph 4-22*b*. Also available to personnel who hold an MOS in CMF 18.
- c. Curriculum.* 29 subcourses.
- d. Subcourses.* MD0852, MD0853, MD0838, MD0845, MD0846, MD0856, MD0841, MD0842, MD0535, MD0151, MD0170, MD0171, MD0172, MD0548, MD0703, MD0722, MD0933, MD0905, MD0916, MD0917, MD0918, MD0919, MD0501, MD0511, MD0804, MD0805, MD0806, MD0807, MD0808.

4-26. Medical Equipment Repairer, Unit Level, Sustainment Course 081-91A10

- a. Objective.* To provide sustainment training in maintaining and repairing medical equipment.
- b. Eligibility.* Must hold MOS 91A or NEC or AFSC equivalent.
- c. Curriculum.* 18 subcourses.
- d. Subcourses.* MD0351, MD0353, MD0354, MD0355, MD0356, MD0357, MD0358, MD0359, MD0361, MD0362, MD0363, MD0365, MD0366, MD0367, MD0368, MD0370, MD0371, MD0373.

4-27. Medical Equipment Repairer, Advanced, Sustainment Course 081-91A30

- a. Objective.* To provide sustainment training in maintaining and repairing medical equipment.
- b. Eligibility.* Must hold MOS 91A or NEC or AFSC equivalent.
- c. Curriculum.* 4 subcourses.
- d. Subcourses.* MD0381, MD0383, MD0387, MD0388.

4-28. Operating Room Specialist Sustainment Course 081-91D

- a. Objective.* To provide instruction in anatomy, surgical procedures, and other skills and knowledge needed by the operating room specialist.
- b. Eligibility.* See paragraph 4-22*b*.
- c. Curriculum.* 12 subcourses.
- d. Subcourses.* MD0010, MD0923, MD0006, MD0540, MD0933, MD0935, MD0927, MD0928, MD0937, MD0905, MD0913, MD0532.

4-29. Dental Specialist Sustainment Course 081-91E

- a. Objective.* To provide instruction in anatomy, oral pathology, radiography, using dental instruments and materials, and other skills and knowledge needed by the dental specialist.
- b. Eligibility.* See paragraph 4-22*b*.
- c. Curriculum.* 10 subcourses.
- d. Subcourses.* MD0510, MD0501, MD0502, MD0503, MD0508, MD0509, MD0511, MD0512, MD0513, MD0532.

4-30. Dental Laboratory Specialist Sustainment Course 081-91EN5

- a. Objective.* To provide instruction in basic dental laboratory procedures and in fabrication of complete dentures, removable partial dentures, and fixed prostheses.

- b. *Eligibility.* See paragraph 4–22b.
- c. *Curriculum.* 6 subcourses.
- d. *Subcourses.* MD0501, MD0504, MD0505, MD0506, MD0507, MD0508.

4–31. Patient Administration Specialist Sustainment Course 081–91G

- a. *Objective.* To provide instruction in basic patient administration procedures.
- b. *Eligibility.* See paragraph 4–22b.
- c. *Curriculum.* 7 subcourses.
- d. *Subcourses.* MD0010, MD0750, MD0751, MD0752, MD0753, MD0754, MD0755.

4–32. Patient Administration Specialist Reserve Component Course, 513–91G10(RC)(DL)

- a. *Objective.* This course provides enlisted personnel who meet prescribed prerequisites with a working knowledge of basic patient administration procedures.
- b. *Eligibility.* Nonactive duty RC enlisted personnel whose actual or anticipated assignment is to patient administration specialist (MOS 91G) duties. Must have achieved a standard score of 95 or higher in aptitude area CL. Personnel are subject to requirements for service time remaining, as governed by NGR 350–1 and AR 135–200.
- c. *Administration.* Unit must make application for the correspondence phase 1 under ATRRS School Code 081. Upon completion of instruction comprising phase 1, the student is issued a letter of eligibility for use in applying, through normal command channels, for active duty for the purpose of attending phase 2. Upon completion of phase 2, a diploma for the 513–91G10(RC)Course is awarded. MOS 91G10 will be awarded under DA Pam 611–21.
- d. *Curriculum.* 2 phases. Phase 1 must be completed before reservations for phase 2 can be made.
 - (1) *Phase 1.* Correspondence.
 - (a) 7 subcourses.
 - (b) *Subcourses.* MD0010, MD0750, MD0751, MD0752, MD0753, MD0754, MD0755.
 - (2) *Phase 2.* Two weeks resident instruction at AMEDDC&S. Class dates are shown on ATRRS.

4–33. Medical Laboratory Specialist Sustainment Course 081–91K

- a. *Objective.* To provide instruction on clinical chemistry, urinalysis, hematology, serology, bacteriology, parasitology, and other skills and knowledge needed by the medical laboratory specialist.
- b. *Eligibility.* See paragraph 4–22b.
- c. *Curriculum.* 21 subcourses.
- d. *Subcourses.* MD0010, MD0837, MD0851, MD0852, MD0853, MD0857, MD0838, MD0845, MD0846, MD0856, MD0841, MD0842, MD0055, MD0859, MD0861, MD0862, MD0863, MD0864, MD0865, MD0866, MD0532.

4–34. Blood Donor Center Operations Course 311–M4(DL)

- a. *Objective.* This course provides the skills and knowledge necessary to be awarded ASI M4.
- b. *Eligibility.* Active Army personnel in grades E–5 (non-promotable) and below and Reserve Component enlisted personnel in grades E–6 and below who have graduated from the 311–91K10 Medical Laboratory Specialist Course and who hold MOS 91K.
- c. *Administration.* Unit must make application for the correspondence phase 1 under ATRRS School Code 081. Upon completion of phase 1, the student is issued a letter of eligibility to use in applying, through normal command channels, for the 2–week phase 2. Upon completion of phase 2, a diploma for the course is awarded. The ASI M4 is awarded under DA Pam 611–21.
- d. *Curriculum.* 2 phases. Phase 1 must be completed before attending phase 2.
 - (1) *Phase 1.* Correspondence.
 - (a) 2 subcourses.
 - (b) MD0867, MD0868.
 - (2) *Phase 2.* Two weeks resident instruction at MEDDACs and MEDCENs. Class dates are shown on ATRRS.

4–35. Hospital Food Service Specialist Basic Sustainment Course 081–91M10

- a. *Objective.* To provide instruction in preparing dietary records and forms, planning meals, evaluating nutritional values of meals, serving food, and other skills and knowledge needed by the basic hospital food specialist.
- b. *Eligibility.* See paragraph 4–22b.
- c. *Curriculum.* 7 subcourses.
- d. *Subcourses.* MD0878, MD0881, MD0887, MD0880, MD0882, MD0885, MD0884.

4–36. Hospital Food Service Specialist (Basic) Reserve Component Course, 800–91M10(RC)(DL)

- a. *Objective.* This course provides enlisted personnel who meet prescribed prerequisites with skills enabling them to perform basic clinical dietetics, food preparation, and food service procedures in a mobile or fixed Army hospital.

b. Eligibility. Nonactive duty RC personnel who have successfully completed 92G training. Must have a score of 100 or higher in aptitude area OF (operator and food). Personnel are subject to requirements for service time remaining, as governed by NGR 350–1 and AR 135–200.

c. Administration. This course consists of two phases, including a comprehensive examination on phase 1. Unit must make application for the correspondence phase 1 under ATRRS School Code 081. Upon completion of phase 1, the student is issued a completion letter stating eligibility to take the comprehensive examination administered by the unit Test Control Officer (TCO). The comprehensive examination is sent to the unit TCO when the Nonresident Instruction Branch, AMEDDC&S, receives the TCO's address information. Upon successful completion of the examination, the student is issued a letter of eligibility to use in applying for active duty for the purpose of attending phase 2, and completion of phase 1 is entered in ATRRS. Upon successful completion of phase 2, a diploma for the course is awarded. The MOS 91M is awarded under DA Pam 611–21. Phase 1 and the comprehensive examination must be completed before reservation for phase 2 can be made.

d. Curriculum. 2 phases.

(1) *Phase 1.* Correspondence.

(a) 7 subcourses.

(b) *Subcourses.* MD0878, MD0881, MD0887, MD0880, MD0882, MD0885, MD0884.

(c) Examination.

(2) *Phase 2.* Two weeks resident training at AMEDDC&S. Class dates are shown on ATRRS.

4–37. Hospital Food Service Specialist Advanced Course 081–91M30

a. Objective. To provide instruction in food service administration, preparing special diets, and other skills and knowledge needed by the advanced hospital food service specialist.

b. Eligibility. See paragraph 4–22*b*.

c. Curriculum. 8 subcourses.

d. Subcourses. MD0900, IS0788, MD0972, MD0973, MD0978, MD0979, MD0980, MD0520.

4–38. Radiology Specialist Sustainment Course 081–91P;

a. Objective. To provide instruction in anatomy, electrical circuits, fluoroscopy, radiographic procedures, film processing, and other skills and knowledge needed by the radiology specialist.

b. Eligibility. See paragraph 4–22*b*.

c. Curriculum. 20 subcourses.

d. Subcourses. MD0064, MD0010, MD0006, MD0532, MD0520, MD0057, MD0058, MD0062, MD0066, MD0067, MD0902, MD0903, MD0950, MD0952, MD0954, MD0956, MD0959, MD0960, MD0961, MD0962.

4–39. Pharmacy Specialist Sustainment Course 081–91Q

a. Objective. To provide instruction in chemistry, pharmacology, dispensing, and other skills and knowledge needed by the pharmacy specialist.

b. Eligibility. See paragraph 4–22*b*.

c. Curriculum. 16 subcourses.

d. Subcourses. MD0900, MD0010, MD0801, MD0802, MD0803, MD0804, MD0805, MD0806, MD0807, MD0808, MD0809, MD0810, MD0811, MD0812, MD0813, MD0532.

4–40. Veterinary Food Inspection Specialist Basic Sustainment Course 081–91R10

a. Objective. To sustain instruction in inspecting subsistence and other skills and knowledge needed by the basic veterinary food inspection specialist.

b. Eligibility. See paragraph 4–22*b*.

c. Curriculum. 13 subcourses.

d. Subcourses. MD0900, MD0702, MD0694, MD0705, MD0708, MD0703, MD0710, MD0711, MD0712, MD0713, MD0714, MD0715, MD0717.

4–41. Veterinary Food Inspection Specialist Basic Reserve Component Course, 321–91R10(RC)(DL)

a. Objective. This course provides the basic skills and knowledge required by a veterinary food inspection specialist at the entry level of the 91R MOS.

b. Eligibility. Nonactive duty, prior service RC enlisted personnel who possess MOS 91R. The rank of specialist/corporal or below; request for waiver must accompany DA Form 145 for enrollment. Aptitude score of 95 or higher in ST. Good near vision and normal color perception and olfactory senses. Good eye-hand coordination. Meet physical and mental standards set forth in DA Pam 611–21. Have high school diploma or GED equivalent; have high school-level courses in general science or chemistry and mathematics, or attain a standard score of 45 or higher on GED test 5. No record which reflects against the individual's character, honesty, or integrity. Possess or qualify for a food

handler's certificate. No security clearance is required. Service time remaining on completion of this course is as follows: RC personnel are subject to service time remaining as governed by NGR 350-1 and AR 135-200.

c. Administration. Unit must make application for the correspondence phase 1 under ATRRS School Code 081. On completion of the instruction comprising phase 1, the student is issued a letter of eligibility for use in applying, through normal command channels, for active duty for the purpose of attending phase 2. On completion of phase 2, a diploma for the 321-91R10 (RC) Course is awarded. MOS 91R10 is awarded under DA Pam 611-211. Phase 1 must be completed before reservation for phase 2 can be made.

d. Curriculum. 2 phases. Phase 1 must be completed before attending phase 2.

(1) *Phase 1.* Correspondence.

(a) 13 subcourses.

(b) *Subcourses.* MD0900, MD0702, MD0694, MD0705, MD0708, MD0703, MD0710, MD0711, MD0712, MD0713, MD0714, MD0715, MD0717.

(2) *Phase 2.* Two weeks resident instruction at AMEDDC&S. Class dates are shown on ATRRS.

4-42. Veterinary Food Inspection Specialist Preparatory Advanced Course 081-91R20

a. Objective. To provide instruction in inspection procedures and other subjects in order to prepare prospective students for the resident AMEDD NCO Basic Noncommissioned Officer Course (BNCOC) 6-8-C40 (91R technical training).

b. Eligibility. See paragraph 4-22b. Completion of the Veterinary Food Inspection Specialist Basic Sustainment (91R10) correspondence course or resident course is recommended.

c. Curriculum. 4 subcourses.

d. Subcourses. MD0722, MD0723, MD0726, MD0728.

4-43. Preventive Medicine Specialist Sustainment Course 081-91S

a. Objective. To provide instruction in sanitation, environmental health inspections, pest control, and other skills and knowledge needed by a preventive medicine specialist.

b. Eligibility. See paragraph 4-22b.

c. Curriculum. 20 subcourses.

d. Subcourses. MD0055, MD0150, MD0900, MD0803, MD0151, MD0152, MD0160, MD0161, MD0162, MD0164, MD0165, MD0166, MD0170, MD0173, MD0171, MD0172, MD0174, MD0180, MD0181, MD0182.

4-44. Preventive Medicine Specialist Reserve Component Course, 322-91S10(RC)(DL)

a. Objective. This course provides enlisted personnel who meet prescribed prerequisites with basic technical skills and knowledge required to perform environmental health duties in field units and preventive medicine activities.

b. Eligibility. Nonactive duty RC enlisted personnel whose actual or anticipated assignment is to preventive medicine specialist (MOS 91S10) duties. Must have achieved a standard score of 95 or higher in aptitude area GT or ST. Must meet physical and mental requirements set forth in DA Pam 611-21. RC personnel are subject to requirements for service time, as governed by NGR 350-1 and AR 135-200.

c. Administration. Unit must make application for the correspondence course phase 1 under ATRRS School Code 081. Upon completion of phase 1, the student is issued a completion letter stating eligibility to take the comprehensive examination administered by the unit Test Control Officer (TCO). The comprehensive examination is sent to the unit TCO when the Nonresident Instruction Branch, AMEDDC&S, receives the TCO's address information. Upon successful completion of the examination, the student is issued a letter of eligibility to use in applying for active duty for the purpose of attending phase 2. The phase 1 completion is entered in ATRRS. Upon successful completion of phase 2, a diploma for the course is awarded. MOS 91S10 will be awarded under DA Pam 611-21, chapter 2. Phase 1 and the comprehensive examination must be completed before reservation for phase 2 can be made.

d. Curriculum. 2 phases.

(1) *Phase 1.* Correspondence.

(a) 20 subcourses.

(b) *Subcourses.* MD0055, MD0150, MD0900, MD0803, MD0151, MD0152, MD0160, MD0161, MD0162, MD0164, MD0165, MD0166, MD0170, MD0173, MD0171, MD0172, MD0174, MD0180, MD0181, MD0182.

(2) *Phase 2.* Two weeks resident instruction at AMEDDC&S. Class dates are shown on ATRRS.

4-45. Animal Care Specialist Sustainment Course 081-91T10/20

a. Objective. To provide instruction on anatomy, diseases, and treatment of military working dogs and other skills and knowledge needed by the animal care specialist.

b. Eligibility. See paragraph 4-22b.

c. Curriculum. 15 subcourses.

d. Subcourses. MD0010, MD0780, MD0781, MD0782, MD0904, MD0856, MD0790, MD0842, MD0853, MD0857, MD0852, MD0789, MD0954, MD0794, MD0795.

4-46. Respiratory Specialist Preparatory Course 081-91V

a. Objective. To provide preparation for Active and Reserve Component students planning to attend the Respiratory Specialist Course (300-91V10). Students are strongly encouraged to complete the preparatory course prior to attending the resident course.

b. Eligibility. Enlisted personnel of the U.S. Army planning to attend the Respiratory Specialist Course (300-91V10). See paragraph 4-22*b*.

c. Curriculum. 5 subcourses.

d. Subcourses. MD0006, MD0010, MD0803, MD0900, MD0904.

4-47. Medical Health Care Specialist Sustainment Course 081-91W10

a. Objective. To provide instruction in basic emergency medical treatment and basic patient care skills.

b. Eligibility. See paragraph 4-22*b*.

c. Curriculum. 24 subcourses.

d. Subcourses. MD0010, MD0006, MD0007, MD0900, MD0531, MD0532, MD0534, MD0537, MD0535, MD0554, MD0533, MD0001, MD0556, MD0540, MD0542, MD0547, MD0548, MD0549, MD0550, MD0552, MD0553, MD0920, MD0913, MD0520.

4-48. Health Care NCO Sustainment Course 081-91W20/30

a. Objective. To provide sustainment training for medical tasks in the AMEDD NCO Basic Course (BNCOC), 6-8-C40 (91W).

b. Eligibility. See paragraph 4-22*b*.

c. Curriculum. 24 subcourses.

d. Subcourses. MD0033, MD0560, MD0564, MD0568, MD0569, MD0571, MD0572, MD0574, MD0575, MD0576, MD0577, MD0579, MD0580, MD0581, MD0582, MD0583, MD0584, MD0586, MD0587, MD0588, MD0589, MD0933, MD0008, MD0171.

4-49. Practical Nurse ASI Preparatory Course 081-WM6PREP

a. Objective. To prepare prospective students for the ASI M6 resident course by enhancing their knowledge of medical and nursing subjects.

b. Eligibility. See paragraph 4-22*b*.

c. Curriculum. 3 subcourses.

d. Subcourses. MD0910, MD0904, MD0520.

4-50. Practical Nurse ASI Sustainment Course 081-91WM6

a. Objective. To provide sustainment training for those personnel already qualified in MOS 91WM6.

b. Eligibility. See paragraph 4-22*b*. Completion of the 91WM6 resident course is recommended.

c. Curriculum. 11 subcourses.

d. Subcourses. MD0905, MD0906, MD0915, MD0916, MD0917, MD0918, MD0919, MD0921, MD0922, MD0913, MD0029.

4-51. Field Sanitation Team Certification Course

a. General Information.

(1) The Field Sanitation Team Certification Course is available only through group enrollment. It is not available through School Code 555. To establish this group enrollment, AMEDDC&S must receive the following:

(a) A letter requesting the Course Manager's Plan/Instructor Manual and the instructional support materials. The letter should state the unit's requirement for conducting the training and identify the proposed course manager and the primary instructor(s). (The course manager should be a commissioned officer, AOC 60C, 68G, 68N, or 68P, and the instructor should be a noncommissioned officer, preferably a 91S.) The letter should be sent to the Nonresident Instruction Branch, AMEDDC&S. After this letter is received by the AMEDDC&S, the course manager's plan/instructor manual and the instructional support materials (slides) will be shipped to the course manager.

(b) Quarterly requirements must be sent at least 30 days prior to start of each quarter to the Nonresident Instruction Branch. Upon receipt of the quarterly request, subcourse MD0153 and examinations are mailed to the course manager. The roster entitled "Official Registration and Gradesheet" is included in the course manager's plan. The roster must be completed and readable in order to create the students' academic records and to issue course completion certificates. The gradesheet must be mailed to the Nonresident Instruction Branch, AMEDDC&S.

(2) A student may be enrolled in another AMEDD correspondence course (or in an AMEDD correspondence course

and up to five individual MD subcourses) while enrolled in the Field Sanitation Team Certification Course. The Field Sanitation Team Certification Course is the only exception to paragraph 4–2c.

b. Objective. To provide the training required for a soldier to be certified as a member of a field sanitation team.

c. Eligibility. Students will be selected by their unit commander to attend the group study program.

d. Curriculum. Forty hours of classroom instruction, a student subcourse (MD0153, FST Certification Training), and a proctored examination consisting of 50 questions. The examination is graded by the instructor and a pass or fail score is reported to the Nonresident Instruction Branch. Two versions of the examination are provided with the package. If a student fails the first examination, he/she may be given the alternate version at a later time set by the instructor.

e. Additional information. For additional information, call Nonresident Instruction Branch, AMEDDC&S, DSN 471–5877, toll free 1-800–344–2380, or Commercial (210) 221–5877.

4–52. Individual subcourses for the U.S. Army Medical Department Center and School

Table 4–1 contains subcourses for the U.S. Army Medical Department Center and School. Applications for individual MD subcourses may be made at Internet site <http://www.atrs.army.mil>. Only MD numbered subcourses will be shipped as individual subcourses. Subcourses other than MD subcourses listed in previous paragraphs are reserved for students enrolled in courses. Certain subcourses listed in table 4–1 are not available for individual enrollment; that is, you must enroll in the course to which they belong.

Table 4–1
Individual subcourses for the U.S. Army Medical Department Center and School

Subcourse: MD0001

Title: Evacuation in the Field.

Description: One-man and two-man manual carries, transporting patients on litters, improvising litters, loading patients into field ambulances and converted military vehicles, loading patients into air ambulances, and requesting aeromedical evacuation. MOS: 91W10. Crd hrs: 12.

Subcourse: MD0002

Title: Health Service Support in a Theater of Operations.

Description: Army forces within a theater; organization of a division; medical support of divisions, corps, and the communications zone; and aeromedical evacuation. Crd hrs: 14.

Subcourse: MD0004

Title: Organization and Functions of the Army Medical Department.

Description: Mission and composition of the Army Medical Department; organization of medical centers and Medical Department activities; and the histories and functions of the six officer medical corps. Crd hrs: 10.

Subcourse: MD0006

Title: Basic Human Anatomy.

Description: Introduction to basic human anatomy. Tissues of the body. Structures and structural relationships within the following human systems: integumentary and fascial, skeletal, muscular, digestive, respiratory, urogenital, cardiovascular, lymphatic, endocrine, and nervous systems. MOS: 91W10/D/P/V, 18D. Crd hrs: 26.

Subcourse: MD0007

Title: Basic Human Physiology.

Description: Introduction to basic human physiology. Physiology of cells and miscellaneous tissues. Envelopes of the body. Physiology of the following human systems: skeletal, muscular, digestive, respiratory, urinary, reproductive, cardiovascular, endocrine, and nervous systems. The special senses. Elementary human genetics. MOS: 91W10, 18D. Crd hrs: 26.

Subcourse: MD0008

Title: Introduction to Military Preventive Medicine.

Description: Disease problems of military units and preventive medicine resources in field operations and fixed installations; medical aspects of water supply and principles of water purification; waste disposal procedures for military units; field water purification and waste disposal procedures; and improvised field sanitary devices. MOS: 91W20. Crd hrs: 14.

Subcourse: MD0010

Title: Basic Medical Terminology.

Description: A study of basic medical terms. A programmed text defining the most common stems, prefixes, and suffixes used to build a medical vocabulary. MOS: 91W10/D/G/K/P/Q/T/V, 18D. AOC: 70E67. Crd hrs: 5.

Subcourse: MD0029

Title: Introduction to Medical Logistics Management.

Description: Basic principles and organization for medical supply; the Federal Supply Catalog and other medical supply publications; property control at unit/organization level. MOS: 91WM6. Crd hrs: 9.

Subcourse: MD0033

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Title: Tort Law, the Federal Tort Claims Act, and the Geneva Conventions.

Description: Nature of tort liability and the Federal Tort Claims Act in the military-medical situation; duties, responsibilities, and rights placed on combatants and noncombatants by the Geneva Conventions. MOS: 91W20. Crd hrs: 4.

Subcourse: MD0055

Title: Sexually Transmitted Diseases.

Description: An introduction to sexually transmitted diseases (STDs), emphasizing prevention and control measures. This subcourse is a prerequisite for attendance at the HIV/STD Intervention (6HF) Course. Describes the most common STDs including syphilis, gonorrhea, chlamydia, human immunodeficiency virus (HIV) infection, and acquired immunodeficiency syndrome (AIDS). MOS: 91K/S. Crd hrs: 10.

Subcourse: MD0057

Title: AMEDD Computer Literacy I.

Description: History of computers, computer components and functions, and how computer systems work; designed to develop knowledge of computers rather than hands-on skill in actual operation. MOS 91P. Crd hrs: 10.

Subcourse: MD0058

Title: AMEDD Computer Literacy II.

Description: Binary code, program design, business and health care applications, future trends, safety, and personal comfort; designed to develop computer literacy rather than hands-on skill. MOS: 91P. Crd hrs: 10.

Subcourse: MD0062

Title: Introduction to Quality Assurance.

Description: Key terms, functions of equipment used in quality control testing in a radiology laboratory, and the major aspects of a quality control system. MOS: 91P. Crd hrs: 16.

Subcourse: MD0064

Title: Introduction to Radiography.

Description: The history of x-rays, the health care delivery system, hospital organization, radiology department organization, accreditation and credentialing, and means of self-development. MOS: 91P. Crd hrs: 12.

Subcourse: MD0066

Title: Health Care Ethics I.

Description: Ethically and legally appropriate behavior for health care professionals, the role of ethics in health care, legal doctrines that affect health care; tort law, negligence, and patient consent. MOS: 91P. Crd hrs: 12.

Subcourse: MD0067

Title: Health Care Ethics II.

Description: Ethically and legally appropriate behavior for health care professionals, patient refusal of treatment, medical records, and the scope of medical practice. MOS: 91P. Crd hrs: 12.

Subcourse: MD0071

Title: Toxicology.

Description: One of 12 examinations required for the Emergency Medicine Physician Assistant Basic Studies Course 081-EMPA. The readings required to complete each examination in the EMPA Correspondence Course are listed on the cover page of the package. The subcourses for this course are not available individually as selected subcourses. Crd hrs: 4.

Subcourse: MD0072

Title: Environmental Injuries.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0073

Title: Pulmonary Emergencies.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0074

Title: Cardiovascular Disease.

Description: See MD0071. Crd hrs: 5.

Subcourse: MD0075

Title: Resuscitation.

Description: See MD0071. Crd hrs: 5.

Subcourse: MD0076

Title: Trauma.

Table 4–1

Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0077

Title: Surgical Problems.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0078

Title: Orthopedics.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0079

Title: Maxillofacial Trauma.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0080

Title: Otologic Emergencies.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0081

Title: Ocular Emergencies.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0082

Title: Neurologic Problems.

Description: See MD0071. Crd hrs: 4.

Subcourse: MD0091

Title: An Overview in Orthopaedics.

Description: One of 12 examinations required for the Introduction to Orthopaedic Surgery for Physician Assistants Course 081–OSPA. The readings required to complete each examination in the correspondence course are listed on the cover page of the package. The subcourses for this course are not available individually as selected subcourses. Crd hrs: 5.

Subcourse: MD0092

Title: Orthopaedic Surgery Basics.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0093

Title: The Cervical Spine and Brachial Plexus.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0094

Title: The Back.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0095

Title: The Shoulder and Arm.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0096

Title: The Elbow and Forearm.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0097

Title: The Wrist and Hand.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0098

Title: The Pelvis.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0099

Title: The Hip and Thigh.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0100

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Title: The Knee.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0101

Title: The Leg and Ankle.

Description: See MD0091. Crd hrs: 4.

Subcourse: MD0102

Title: The Foot.

Description: See MD0091. Crd hrs: 5.

Subcourse: MD0111

Title: Basic Orthopaedic Review 1

Description: One of 6 examinations required for the Basic Orthopaedic Review for the Physician Assistant Course 081—ORTHO. The readings required to complete each examination in the correspondence course are listed on the cover page of the package. The subcourses for this course are not available individually as selected subcourses. Crd hrs: 3.

Subcourse: MD0112

Title: Basic Orthopaedic Review 2.

Description: See MD0111. Crd hrs: 3.

Subcourse: MD0113

Title: Basic Orthopaedic Review 3.

Description: See MD0111. Crd hrs: 3.

Subcourse: MD0114

Title: Basic Orthopaedic Review 4.

Description: See MD0111. Crd hrs: 3.

Subcourse: MD0115

Title: Basic Orthopaedic Review 5.

Description: See MD0111. Crd hrs: 3.

Subcourse: MD0116

Title: Basic Orthopaedic Review 6.

Description: See MD0111. Crd hrs: 3.

Subcourse: MD0150

Title: Army Preventive Medicine Units, Organizations, and Activities.

Description: Organization of the Army Medical Department; the Army Preventive Medicine Program; organization of preventive medicine in the field and at MEDDACs and MEDCENS; agencies offering support services to the Army Preventive Medicine Program. MOS: 91S. Crd hrs: 4.

Subcourse: MD0151

Title: Principles of Epidemiology and Microbiology.

Description: Introduction to disease transmission; basic terminology and principles of epidemiology; fundamentals of microbiology; structure of the cell; morphology and physiology of bacteria, viruses, rickettsiae, fungi, protozoa, and helminths; practical application of microbiology in environmental health. MOS: 91S, 18D. Crd hrs: 5.

Subcourse: MD0152

Title: Diseases of Military Importance.

Description: Epidemiology, prevention, and control of selected diseases of military importance; prevention of injuries due to environmental extremes; the Army immunization program. MOS: 91S, 18D. Crd hrs: 20.

Subcourse: MD0153

Title: Field Sanitation Team (FST) Certification Course.

Description: In accordance with AR 40-5, each TOE unit must have at least two individuals appointed by the unit commander and trained in field sanitation. The Field Sanitation Team Certification Course (MD0153) has been developed by the U.S. Army Medical Department Center and School to provide a standardized field sanitation team training/certification program. MD0153 is a training package consisting of classroom instruction at the unit level, a student subcourse and a proctored examination. Upon successful completion of the program and a passing score on the examination, the student will be certified as a member of a field sanitation team. MD0153 may also be used for sustainment training for field sanitation team members who have already been certified. This subcourse is not offered on a selected subcourse basis. (Please see "Field Sanitation Team Certification Course," paragraph 4-56 of this catalog, for instructions on the group enrollment process.) Crd hrs: 40.

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Subcourse: MD0160**Title:** Military Water Supply.**Description:** Responsibilities for military water supply; sources, characteristics, and quality standards for drinking water; chemical and bacteriological tests on water; principles and methods of water treatment and distribution, to include field water purification; protection of water supply sources and systems. MOS: 91S. Crd hrs: 14.**Subcourse: MD0161****Title:** Wastewater Treatment.**Description:** Fundamentals for the treatment and disposal of wastewater. Applications for both military installations and field facilities, including construction and operations. MOS: 91S. Crd hrs: 14.**Subcourse: MD0162****Title:** Solid Waste Disposal.**Description:** Responsibilities for and public health significance of solid waste disposal at military installations; types of solid wastes generated at large and small installations and methods of collection and disposal; solid wastes generated in the field and methods and devices for their disposal; role of the preventive medicine specialist in solid waste disposal. MOS: 91S. Crd hrs: 4.**Subcourse: MD0164****Title:** Environmental Health Inspections and Surveys I.**Description:** Introduction to environmental health inspections; inspection procedures and public health aspects of troop housing, mobile home parks, and barber and beauty shops. MOS: 91S. Crd hrs: 6.**Subcourse: MD0165****Title:** Occupational Health and Industrial Hygiene.**Description:** An introduction to the science and art of preserving health through the recognition, evaluation, and control of environmental causes and sources of occupational health hazards in the workplace, to include occupational diseases and hazards, criteria, industrial hygiene principles, sampling, personal protective equipment and engineering control methods. MOS: 91S. Crd hrs: 19.**Subcourse: MD0166****Title:** Environmental Health Inspections and Surveys II.**Description:** Environmental health inspections procedures and the public health aspects of swimming pools, child care centers, ice houses, and various public use facilities. MOS: 91S. Crd hrs: 6.**Subcourse: MD0170****Title:** Arthropod Identification and Surveys.**Description:** Biology and life cycles of medically important arthropods; types and methodology of arthropod surveys; collection, mounting, and identification of arthropods to evaluate actual or potential military importance of suspected infestations; field identification and sorting of medically important arthropods; preservation, mounting, and shipping technique; mosquito larval taxonomy and malaria survey technique. MOS: 91S, 18D. Crd hrs: 12.**Subcourse: MD0171****Title:** Arthropod Control.**Description:** Control procedures for the major group of medically important arthropods with emphasis on the preventive environmental means available for specific groups. In-depth discussion of manual and power pest control equipment, its nomenclature, uses, operation, and maintenance. MOS: 91S/W20, 18D. Crd hrs: 10.**Subcourse: MD0172****Title:** Rodent Biology, Survey, and Control.**Description:** Biology and life history of principal domestic rodents; military medical and economic importance; identification and survey techniques; sanitary, environmental, physical, and chemical control measures. MOS: 91S, 18D. Crd hrs: 5.**Subcourse: MD0173****Title:** Pesticides in the Military.**Description:** Classification of pesticides and their physiological effects on pests and man; pesticide formulations, mixing, and dilution calculations; proper methods of storage, handling, and disposal of pesticides; toxicity and first aid; impact of pesticides on the environment. MOS: 91S. Crd hrs: 8.**Subcourse: MD0174****Title:** Organization of Pest Management Operations.**Description:** Organizational responsibilities of the Commander for supervision, execution and evaluation for installation pest control operation; pest control during military operation; support procedures of pest control operation. MOS: 91S. Crd hrs: 4.**Subcourse: MD0180****Title:** Radiological Health.**Description:** Basic principles of radiation physics; biological effects of radiological contamination; sources of ionizing and nonionizing

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

radiation protection organizations and programs; radiation monitoring equipment; medical x-ray and microwave oven surveillance. MOS: 91S. Crd hrs: 6.

Subcourse: MD0181

Title: Food Service Sanitation and Inspections I.

Description: Microorganisms causing foodborne disease, environmental conditions ideal for their growth, and common foodborne diseases. Discussion of the factors causing foodborne disease outbreaks in the field and in garrison and related sanitary measures to prevent foodborne disease. MOS: 91S. Crd hrs: 4.

Subcourse: MD0182

Title: Food Service Sanitation and Inspections II.

Description: Areas of a food service facility examined during an inspection and the major items to inspect in each area. MOS: 91S. Crd hrs: 9.

Subcourse: MD0320

Title: Logistics Agencies Supporting the United States Army.

Description: History, organization, mission, and concept of operations of the Defense Logistics Agency and the U.S. Army Materiel Command; relationships among supply agencies from inventory control points through organizational elements. AOC: 70K67. Crd hrs: 8.

Subcourse: MD0321

Title: Supply Publications.

Description: This subcourse covers indexes to publications (DA Pam 25-30) and the methods of obtaining supply publications; the function of the Federal Catalog System, including Department of Defense and Department of the Army Supply Catalogs; Army Supply Bulletins; the numbering system for equipment technical manuals; and the methods of locating repair parts identification data. AOC: 70K67. Crd hrs: 7.

Subcourse: MD0322

Title: Requirements and Authorization Documents.

Description: Requirements and authorization documents used by TOE and TDA units. Explanation of contents and use of TOE's, MTOE's, TDA's, and CTA's. The Army Authorization Documents System (TAADS). AOC: 70K67. Crd hrs: 4.

Subcourse: MD0328

Title: Inventory Management I.

Description: Introduction to formal stock accounting procedures, procedures for computing stockage levels, and the policies and procedures for the operation of an Installation Medical Supply Activity. AOC: 70K67. Crd hrs: 14.

Subcourse: MD0329

Title: Inventory Management II.

Description: Military Standard Requisitioning and Issue Procedures (MILSTRIP), adjustments and inventory procedures, and the procedures used to measure the performance of a medical supply account. AOC: 70K67. Crd hrs: 14.

Subcourse: MD0333

Title: Financial Inventory Management.

Description: General concepts; systems and procedures of financial management and their impact on supply management, to include stock fund concepts and organization; SF obligation authority; cash and stock fund budget review and analysis; and computer-generated financial reports. AOC: 70K67. Crd hrs: 9.

Subcourse: MD0334

Title: Storage Management at Installation and Depot Levels, Part I.

Description: Storage management techniques at installation and depot levels; the purpose and classes of storage; types of storage facilities; configuration of storage requirements; storage problems; space planning, controlling, and reporting; bin organization, operation and replenishment; stock location system; inventory procedures; and trends in physical distribution. AOC: 70K67. Crd hrs: 9.

Subcourse: MD0335

Title: Storage Management at Installation and Depot Levels, Part II.

Description: Basic principles of receiving and shipping operations; the fundamentals of materiel preservation, packing and in-storage care; special storage consideration; materiel handling equipment; safety; and the Hazard Communication Program. AOC: 70K67. Crd hrs: 7.

Subcourse: MD0339

Title: Logistics Organization, Theater of Operations.

Description: Introduction to theater of operations (TO); position of the TO in theater of war; support command organization, mission, employment, control, capabilities, and limitations; and supply, maintenance, and service missions of the TAACOM materiel command, as well as, field depot mission, organization, and operations. AOC: 70K67. Crd hrs: 6.

Subcourse: MD0351

Title: Radiographic X-Ray.

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Description: Perform preventive maintenance checks and services (PMCS), isolate malfunctions, and replace defective modules on a radiographic x-ray unit. MOS: 91A10. Crd hrs: 8.

Subcourse: MD0353

Title: Anesthesia Apparatus.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, isolate malfunctions, and replace defective modules on an anesthesia apparatus. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0354

Title: Surgical Dressing Sterilizer.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, and isolate malfunctions on a surgical dressing sterilizer. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0355

Title: Portable Ventilator.

Description: Perform preventive maintenance checks and services (PMCS), isolate malfunctions, and replace defective modules on a portable ventilator. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0356

Title: Electrical Safety.

Description: Perform electrical safety checks on medical equipment. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0357

Title: Basic Supply Procedures.

Description: Complete basic supply forms and utilize supply procedures. MOS: 91A10. Crd hrs: 8.

Subcourse: MD0358

Title: Medical Maintenance Supply Procedures.

Description: Utilize prescribed load list (PLL) and maintain equipment maintenance forms. MOS: 91A10. Crd hrs: 8.

Subcourse: MD0359

Title: X-Ray Film Processor.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, and replace defective modules on an x-ray film processor. MOS: 91A10. Crd hrs: 7.

Subcourse: MD0361

Title: Dental X-Ray Units.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, isolate malfunctions, and replace defective modules on a dental inter-oral x-ray unit. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0362

Title: Defibrillator/Monitor.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, isolate malfunctions, and replace defective modules on a defibrillator/monitor. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0363

Title: Electrosurgical Apparatus.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, isolate malfunctions, and replace defective modules on an electrosurgical apparatus. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0365

Title: Suction/Pressure Apparatus.

Description: Perform preventive maintenance checks and services (PMCS) and isolate malfunctions on a high volume suction/pressure apparatus; perform PMCS, isolate malfunctions, and replace defective modules on a programmable suction pump. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0366

Title: Compressor.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, isolate malfunctions, and replace defective modules on a compressor. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0367

Title: Refrigerator and Field Sink.

Description: Perform preventive maintenance checks and services (PMCS), isolate malfunctions, and replace defective modules on a refrigerator; perform PMCS on a field sink. MOS: 91A10. Crd hrs: 5.

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Subcourse: MD0368

Title: Laboratory Centrifuge.

Description: Perform preventive maintenance checks and services (PMCS), verify calibration, isolate malfunctions, and replace defective modules on a laboratory centrifuge. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0370

Title: Operating Room Table.

Description: Isolate malfunctions and replace defective modules on an operating room table. MOS: 91A10. Crd hrs: 4.

Subcourse: MD0371.

Title: Dental Chair, Stool, and Dental Operating Unit.

Description: Perform preventive maintenance checks and services (PMCS), isolate malfunctions, and replace defective modules on a dental chair and stool unit and on a dental operating unit. MOS: 91A10. Crd hrs: 6.

Subcourse: MD0373.

Title: Dental Chair (JSA-R).

Description: Perform preventive maintenance checks and services (PMCS), isolate malfunctions, and replace defective modules on a dental chair. MOS: 91A10. Crd hrs: 5.

Subcourse: MD0381

Title: Single-Phase X-Ray Systems.

Description: Verify calibration, isolate malfunctions, and replace defective modules on a single phase x-ray unit. MOS: 91A30. Crd hrs: 5.

Subcourse: MD0383

Title: Electrosurgery Units.

Description: Isolate malfunctions and replace defective modules on an electrical surgical unit. MOS: 91A30. Crd hrs: 5.

Subcourse: MD0387

Title: Diagnostic Ultrasound Systems.

Description: Perform preventive maintenance checks and services (PMCS) and verify calibration of a diagnostic ultrasound system. MOS: 91A30. Crd hrs: 5.

Subcourse: MD0388

Title: Dry-Chemistry Analyzer.

Description: Perform preventive maintenance checks and services (PMCS) and verify calibration of a dry chemistry analyzer. MOS: 91A30. Crd hrs: 5.

Subcourse: MD0400

Title: Mobilization for AMEDD Personnel.

Description: Provide a basic understanding of mobilization from the perspective of the U.S. Army Medical Command (MEDCOM). The MEDCOM has multiple subordinate elements, each with their specific areas of interest. This subcourse concentrates on the missions of the U.S. Army Medical Centers (MEDCENS) and the U.S. Army Medical Department Activities (MEDDACs) where the direct health care services are provided. Crd hrs: 6.

Subcourse: MD0405

Title: Military Medical History.

Description: Brief overview of the history of military medicine, with emphasis on the American Revolution, the Napoleonic Wars, the American Civil War, the Spanish American War, and warfare during the twentieth century. Crd hrs: 5.

Subcourse: MD0406

Title: Medical Logistics Management I.

Description: Inventory procedures and adjustments to supply records, property control at the user level, issue and turn-in procedures, quality assurance of medical materiel, and Standard Property Book System-Redesigned (SPBS-R). Crd hrs: 5.

Subcourse: MD0407

Title: Medical Logistics Management II.

Description: Organization for logistics in health care facilities (TDA), Deployable Medical Systems (DEPMEDS), Medical equipment maintenance management, management of medical sets, kits, and outfits, Medical Care Support Equipment (MEDCASE) program in TDA health care facilities, and the Theater Army Medical Management System (TAMMIS). Crd hrs: 5.

Subcourse: MD0408

Title: Resource Management for AMEDD Officers.

Description: Program and Budget Advisory Committee (PBAC), Medical Expense and Performance Reporting System (MEPRS), manpower management, budgeting, relevant cost decision-making, and other resource management topics. Crd hrs: 5.

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Subcourse: MD0420**Title:** Combat Health Support Doctrine.**Description:** An overview of combat health support doctrine, the modular medical system, combat health support of army divisions, medical evacuation in the combat zone, combat health support in the corps and echelons above corps, medical regulating and patient evacuation, other operations, lessons learned, and joint medical planning. Crd hrs: 12.**Subcourse: MD0424****Title:** Soldier and Family Support.**Description:** Combat stress and battle fatigue (history, terminology, signs, and symptoms, classification, treatment, prevention, and management); continuous operations; psychological aspects of NBC defense; family team building; and equal opportunity in the Army. MOS: 91WM6. Crd hrs: 6.**Subcourse: MD0430****Title:** Patient Administration for AMEDD Officers.**Description:** Provides an overview of the Patient Administration Division and the administrative aspects of health care support. Also, provides information about the Uniformed Services Health Benefits Program and the new TRICARE lead-agent regions. Crd hrs: 9.**Subcourse: MD0431****Title:** Patient Administration and Casualty Reporting for AMEDD Officers.**Description:** Provides information on the administrative aspects of health care support in relation to processing the line of duty and disability actions. Also, provides information on reporting personnel as seriously ill or deceased. Crd hrs: 3.**Subcourse: MD0446****Title:** Chemical and Biological Aspects of Nuclear, Biological, and Chemical Medical Defense.**Description:** Review of the types of chemical agents, vulnerability analysis, estimating the percentage of chemical casualties, NBC personnel and the NBC Center, chemical detection and identification equipment, individual and collective protection equipment, decontamination equipment and techniques, NBC Warning and Reporting System, preparing the chemical hazard prediction, and tactical impact of chemical hazard predictions. Crd hrs: 5.**Subcourse: MD0447****Title:** Effects of Nuclear Weapons and Directed Energy on Military Operations.**Description:** Presents information on the medical effects of nuclear weapons to include command guidance on irradiated personnel, medical management of mass casualties, effective command, control and employment of medical units in the post attack environment, specific actions to be taken by medical units to preclude and defend against residual effects of nuclear weapons, potential hazards of laser and radio frequency devices and weapons which may be encountered on and off the battlefield, and procedures available to protect personnel from their effects in the training environment. Crd hrs: 5.**Subcourse: MD0460****Title:** Medical Aspects of Military Law.**Description:** Provides a working knowledge of the military justice system and examples; defines tort and describes how the breach of a duty can create a lawsuit; describes ethics and the importance of medical and legal records; law of war, Geneva Conventions, and the code of conduct, including how the articles of the code of conduct applies to medical personnel. Crd hrs: 10.**Subcourse: MD0478****Title:** TAADS and Joint Operations.**Description:** Introduces knowledge to aid in effective planning. The Army Authorization Documents System (TAADS) is an automated system that supports the requirements for authorizations of personnel and equipment needed to accomplish the assigned missions of Army units. Included in the section on joint operations is information about the levels of command structure, the members of the DOD, the interactions of a medical group with the Joint Operation Planning and Execution System (JOPES), the Medical Planning Module (MPM), and the Medical Evacuation System (MEDEVAC). Crd hrs: 4.**Subcourse: MD0482****Title:** Command and Staff.**Description:** Introduces information on the nature of the staff relationships which exist in the U.S. Army headquarters at various levels; the means by which staff officers advise the commander and translate his decisions into orders; the descriptions and formats for combat orders; and the various elements of synchronization. Crd hrs: 6.**Subcourse: MD0501****Title:** Dental Anatomy and Physiology.**Description:** Human anatomy in general; oral anatomy to include teeth, mandible, maxilla, muscles, glands, and joints; anatomy of permanent maxillary and mandibular teeth. MOS: 91E, 91EN5, 18D. Crd hrs: 15.**Subcourse: MD0502****Title:** Dental Materials.

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Description: Composition, properties, and characteristics of dental materials; and principles of manipulation of these materials. MOS: 91E. Crd hrs: 10.

Subcourse: MD0503

Title: Dental Instrument Setups.

Description: Recognition, care, use and setup of instruments for basic examination, anesthesia, restoration, surgery, periodontics, endodontics, and prosthodontics. MOS: 91E. Crd hrs: 14.

Subcourse: MD0504

Title: Introduction to Dental Prosthodontic Laboratory Procedures.

Description: General considerations of the dental laboratory; dental laboratory materials and their use. MOS: 91EN5. Crd hrs: 14.

Subcourse: MD0505

Title: Fundamentals of Complete Denture Fabrication.

Description: Principles and techniques used in fabrication of complete dentures. MOS: 91EN5. Crd hrs: 14.

Subcourse: MD0506

Title: Fundamentals of Removable Partial Prosthodontics.

Description: Principles and techniques used in the fabrication of removable partial prosthodontic restorations. MOS: 91EN5. Crd hrs: 14.

Subcourse: MD0507

Title: Fundamentals of Fixed Prosthodontic Fabrication.

Description: Principles and techniques used in fabrication of fixed prosthodontic restorations. MOS: 91EN5. Crd hrs: 14.

Subcourse: MD0508

Title: Dental Service Administration.

Description: Organization of the Dental Corps, dental service in a theater of operations, career management of dental MOSs, dental clinic management, commonly used forms and files, and procedures for completion of the Dental Health Record (SF 603). MOS: 91E, 91EN5. Crd hrs: 15.

Subcourse: MD0509

Title: Infection Control and Drugs in the Dental Clinic.

Description: Procedures for protection against infection; sterilization, disinfection, and storage; drugs commonly used in dentistry. MOS: 91E. Crd hrs: 10.

Subcourse: MD0510

Title: General Duties of the Dental Specialist.

Description: Attributes of a good dental specialist; clinical routine, administrative functions, and supply procedures; team approach to four-handed dentistry. MOS: 91E. Crd hrs: 8.

Subcourse: MD0511

Title: Oral and Maxillofacial Pathology.

Description: Diseases of hard and soft tissues of the mouth and teeth. MOS: 91E, 18D. Crd hrs: 7.

Subcourse: MD0512

Title: Dental Radiography.

Description: Principles of dental radiography; hazards and safety precautions; production of dental radiographs; anatomical landmarks; radiographic exposure techniques. MOS: 91E. Crd hrs: 12.

Subcourse: MD0513

Title: Preventive Dentistry.

Description: Fundamental concepts of the Preventive Dentistry Program and the clinical and home-care procedures used in administering the Program. Technical nomenclature used in the oral examination, prophylaxis, fluoridation, and education of the dental patient. MOS: 91E. Crd hrs: 10.

Subcourse: MD0520

Title: Quality of Care: Patient Relations.

Description: Changes experienced as a result of illness/hospitalization; stages of illness; bedside manner; the angry patient; family members of patients; active listening; nonverbal communication; interviewing patients' rights. MOS: 91W10/WM6/M30/P. Crd hrs: 4.

Subcourse: MD0531

Title: Taking Vital Signs.

Description: Procedures for taking and recording a patient's temperature, pulse, respiration, and blood pressure. MOS: 91W10. Crd hrs: 8.

Subcourse: MD0532

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Title: Cardiopulmonary Resuscitation.

Description: Performing rescue breathing and cardiopulmonary resuscitation (CPR) on adults, children, and infants. Removing upper airway obstructions in adults, children, and infants. MOS: 91W10/D/E/K/P/Q, 18D. Crd hrs: 10.

Subcourse: MD0533

Title: Treating Fractures in the Field.

Description: Applying splints to the upper and lower extremities. Applying traction splints. Immobilizing a casualty with a suspected spinal fracture. MOS 91W10. Crd hrs: 8.

Subcourse: MD0534

Title: Treating Chemical and Biological Agent Casualties.

Description: Types of chemical and biological agents. Treating yourself for exposure to nerve agents. Treating casualties exposed to chemical (nerve, blood, blister, and choking) agents. MOS: 91W10. Crd hrs: 8.

Subcourse: MD0535

Title: Communicable Diseases and Field Sanitation.

Description: Types of communicable diseases and methods of transmission. Preventive measures including field water treatment, food storage and preparation, disposal of human and liquid wastes, disposal of garbage and rubbish, and control of arthropods and rodents. MOS: 91W10, 18D. Crd hrs: 14.

Subcourse: MD0537

Title: Decontaminating Casualties.

Description: Establishing a hot line, decontaminating casualties exposed to chemical agents, and routing chemical agent casualties through a battalion aid station. MOS: 91W10. Crd hrs: 8.

Subcourse: MD0540

Title: Sterile Procedures.

Description: Medical and surgical asepsis; sterile technique; changing sterile dressings; irrigating a wound; obtaining a wound culture; and isolation procedures. MOS: 91W10/D. Crd hrs: 6.

Subcourse: MD0542

Title: Management of Patients with Respiratory Dysfunction.

Description: Use of oral pharyngeal airways (J–tube) and bag–valve–mask (BVM) devices; oral and nasotracheal suctioning; preparing an oxygen cylinder for use; and administering oxygen using nasal prongs and face mask. MOS: 91W10. Crd hrs: 6.

Subcourse: MD0547

Title: Eye, Ear, and Nose Injuries.

Description: Treatment of eye, ear, and nose injuries. Includes irrigating an eye, removing foreign objects in the eye, treating burns, applying ointment, irrigating an ear, and treating nosebleed. MOS: 91W10. Crd hrs: 5.

Subcourse: MD0548

Title: Environmental Injuries.

Description: Treatment of heat injuries, cold injuries, snakebites, insect bites and stings, and plant contact dermatitis. MOS: 91W10, 18D. Crd hrs: 7.

Subcourse: MD0549

Title: Psychosocial Issues.

Description: Substance abuse, providing initial care for a casualty suffering from combat stress reaction, applying restraining devices, referring for treatment a potentially suicidal patient, managing behavioral emergencies, identifying the physical and emotional characteristics associated with death and dying, and providing postmortem care. MOS: 91W10. Crd hrs: 7.

Subcourse: MD0550

Title: Return to Duty.

Description: Performing a basic physical assessment, treating common headaches and toothaches, providing symptomatic relief for common cold, treating common skin problems, and initiating measures to prevent the spread of common, communicable diseases. MOS: 91W10. Crd hrs: 7.

Subcourse: MD0552

Title: Administer Intramuscular, Subcutaneous, and Intradermal Injections.

Description: Administering the three types of injections and immunizations. MOS: 91W10. Crd hrs: 5.

Subcourse: MD0553

Title: Intravenous Infusions and Related Tasks.

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Description: Initiating intravenous infusions and managing patients with IVs. Obtaining blood specimens and managing patients with anaphylactic shock. MOS: 91W10. Crd hrs: 5.

Subcourse: MD0554

Title: Treating Wounds in the Field.

Description: Controlling bleeding using field dressings, pressure dressings, pressure points, and tourniquets. Treating head, chest, and abdominal injuries. Treating burns, hypovolemic shock, and soft tissue injuries. Applying bandages. MOS: 91W10. Crd hrs: 16.

Subcourse: MD0556

Title: Basic Patient Care Procedures.

Description: Making a patient's bed; bathing a patient; moving and positioning a patient; and performing routine patient hygiene. MOS 91W10. Crd hrs: 10.

Subcourse: MD0560

Title: Role of the Medical NCO.

Description: Introduction to the Medical NCO Correspondence Course and the art/sciences of good leadership. Principles of effective military instruction; role of the instructor; principles of education and techniques of effective study. Improving speech habits, questioning techniques, use of training aids, and using demonstrations. Determining training needs, preparations to conduct training, and the process of conducting/evaluating training. MOS: 91W20. Crd hrs: 12.

Subcourse: MD0564

Title: Blood, Electrolytes, and Intravenous Infusions.

Description: Blood factors and their function during trauma; blood types/groups and their bearing on transfusions. Kinds of body fluids; normal and abnormal body fluid conditions; functions of electrolytes in homeostasis. Kinds of fluids suitable for intravenous infusion and their uses; special requirements for transfusions; infusion procedures and equipment; uses of the venous cutdown procedure. MOS: 91W20, 18D. Crd hrs: 6.

Subcourse: MD0568

Title: Respiratory Diseases and Disorders.

Description: Describes the anatomy and physiology of the respiratory system; physical assessment of the respiratory system; infectious respiratory diseases; chronic obstructive pulmonary diseases; respiratory disorders; and tuberculosis. MOS: 91W20. Crd hrs: 12.

Subcourse: MD0569

Title: Chest and Airway Problems.

Description: Chest trauma, airway management with an esophageal obturator airway and with an endotracheal tube. Procedures necessary to perform a cricothyrotomy. MOS: 91W20. Crd hrs: 8.

Subcourse: MD0571

Title: Cardiac Impairment.

Description: Explains basic cardiac life support; dysrhythmia recognition and treatment; and cardiac arrest. MOS: 91W20. Crd hrs: 8.

Subcourse: MD0572

Title: The Central Nervous System.

Description: Anatomy and physiology of the central nervous system. Physical assessment of the central nervous system; central nervous system diseases and disorders; seizures; and central nervous system trauma. MOS: 91W20. Crd hrs: 8.

Subcourse: MD0574

Title: Surgical Methods.

Description: Describes minor surgical procedures; wound closure and sutures; and emergency surgical procedures. MOS: 91W20. Crd hrs: 6.

Subcourse: MD0575

Title: Integumentary System.

Description: Anatomy and physiology of the integumentary system; physical assessment of the integumentary system; primary and secondary skin lesions; common skin diseases; and dermatological drugs. MOS: 91W20. Crd hrs: 8.

Subcourse: MD0576

Title: Wound Care.

Description: Wound healing and wound care; contaminated burns; and burns. MOS: 91W20. Crd hrs: 4.

Subcourse: MD0577

Title: The Musculoskeletal System I.

Description: Diseases and disorders of the musculoskeletal system. Diseases and disorders of the feet. MOS: 91W20. Crd hrs: 6.

Subcourse: MD0579

Table 4–1

Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Title: The Genitourinary System I.

Description: Explains anatomy and physiology of the genitourinary system, physical assessment of the genitourinary system, urinary diseases and disorders, and urinary catheterization. MOS: 91W20. Crd hrs: 6.

Subcourse: MD0580

Title: The Genitourinary System II.

Description: Explains disorders and diseases of the genitalia; sexually transmitted diseases, and the human immunodeficiency virus (HIV) and acquired immune deficiency syndrome (AIDS). MOS: 91W20. Crd hrs: 12.

Subcourse: MD0581

Title: The Gastrointestinal System.

Description: Anatomy and physiology of the digestive system; physical assessment of the digestive system; diseases and disorders of the gastrointestinal system. Types of abdominal trauma. Performing nasogastric intubation. Ingested poisons and hepatitis. MOS: 91W20. Crd hrs: 15.

Subcourse: MD0582

Title: The Sensory System.

Description: Anatomy and physiology of the sensory system; physical assessment of the sensory system; EENT diseases and disorders; and HEENT trauma. MOS: 91W20. Crd hrs: 10.

Subcourse: MD0583

Title: The Endocrine System.

Description: Anatomy and physiology of the endocrine system; diseases and disorders of the endocrine system; and describes the disease diabetes mellitus. MOS: 91W20. Crd hrs: 5.

Subcourse: MD0584

Title: Obstetrics/Pediatrics.

Description: Describes normal emergency childbirth; abnormal childbirth; and how to recognize signs of child abuse. MOS: 91W20. Crd hrs: 5.

Subcourse: MD0586

Title: Mental Health.

Description: Discusses normal/abnormal behavior; burnout, depression, and suicide; hostility and violent behavior; substance abuse; combat stress reactions; death and dying; and sexual assault. MOS: 91W20. Crd hrs: 11.

Subcourse: MD0587

Title: Immunizations and Environmental Injuries.

Description: Immunization/disease reporting; ionization, microwave, and laser injuries; heat injuries; and cold injuries. MOS: 91W20. Crd hrs: 8.

Subcourse: MD0588

Title: Environmental Injuries/Diseases I.

Description: Overview of harmful snake bites and insect stings, harmless snakes and insects, anaphylactic shock, diagnosis and treatment of hepatitis. MOS: 91W20. Crd hrs: 6.

Subcourse: MD0589

Title: Environmental Injuries/Diseases II.

Description: Arthropod-borne diseases, animal-borne diseases, helminthic diseases, and malaria. MOS: 91W20. Crd hrs: 7.

Subcourse: MD0694

Title: Basic Food Inspection Procedures.

Description: Basic food inspection procedures, including categories and classes of food inspection; stamping procedures; warehouse procedures; measurement of product temperature; inspection of conveyances; determining age of product; collecting, preparing, and shipping samples for laboratory testing. MOS: 91R10. Crd hrs: 15.

Subcourse: MD0702

Title: Introduction to the Veterinary Food Inspection Career Field (91R10).

Description: Organization and mission of the Army Veterinary Service; overview of the 91 Romeo career field and role in combat service support; ethics, standards of conduct, and reporting suspected violations of law. MOS: 91R10. Crd hrs: 8.

Subcourse: MD0703

Title: Preservation of Foods.

Description: Introduction to food microbiology, including agents causing food spoilage, morphology and physiology of microorganisms,

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

microbial growth, microbiology of various food products, food preservation, including principles and methods of food preservation. MOS: 91R10, 18D. Crd hrs: 8.

Subcourse: MD0705

Title: Inspection Documents.

Description: Introduction to the Department of Defense acquisition system for subsistence items and the documents generated by this system, to include the Defense Logistics Agency, the DPSC Inspection Manual; the DLA–DPSC Inspection Data Packet. MOS: 91R10. Crd hrs: 15.

Subcourse: MD0708

Title: Food Containers.

Description: Types of food containers; the can manufacturing process; common defects of cans and other food containers. MOS 91R10. Crd hrs: 5.

Subcourse: MD0710

Title: Red Meats.

Description: Anatomy and nomenclature of the bovine animal, destination and surveillance inspection of carcass beef, wholesale market cuts of beef, market ready beef, ground beef, diced beef, beef roasts and steaks, beef livers, wholesale market cuts of lamb and pork, cured and smoked meats, and corned beef. MOS: 91R10. Crd hrs: 28.

Subcourse: MD0711

Title: Waterfoods.

Description: Introduction to waterfoods to include basic anatomy, composition and classification of fish and shellfish; their preparation, preservation, and signs of deterioration; destination, (classes 4 and 8) and surveillance inspection procedures for waterfoods. MOS: 91R10. Crd hrs: 10.

Subcourse: MD0712

Title: Poultry I.

Description: Introduction to poultry (chicken); requirements for class, style, and type; quality standards for chicken; destination (class 4 and class 8) and surveillance inspection procedures for poultry (chicken). MOS: 91R10. Crd hrs: 6.

Subcourse: MD0713

Title: Shell Eggs.

Description: Physical structures and formation of an egg; preparation of egg inspection area and equipment; destination inspection (class 4 and 8) procedures; classifying/grading shell eggs and reporting destination inspection results; surveillance inspection procedures. MOS: 91R10. Crd hrs: 15.

Subcourse: MD0714

Title: Fresh Fruits and Vegetables.

Description: Introduction to fresh fruits and vegetables, to include: plant physiology and metabolic procurement methods; destination inspection, (classes 4 and 8) procedures; surveillance inspection procedures. Not available for individual subcourse enrollment. MOS: 91R10. Crd hrs: 18.

Subcourse: MD0715

Title: Dairy.

Description: Nutritional value of dairy products; types of dairy products; handling, processing, and testing procedures for dairy products; classifying/grading dairy products for destination inspection; surveillance inspection procedures for dairy products. MOS: 91R10. Crd hrs: 15.

Subcourse: MD0717

Title: Storage and Sanitation.

Description: Food storage and sanitation issues relevant to a food inspector, to include: types and purpose of sanitary inspections; terminology; sanitation requirements in a food establishment; inspections of commissaries and troop issue subsistence activities; food storage requirements; insect and rodent control and fumigation of subsistence. MOS 91R10. Crd hrs: 10.

Subcourse: MD0722

Title: Microbiology for the Veterinary Specialist.

Description: Basic microbiology for the food inspector: terminology, infectious process, bacterial cultivation and testing procedures, bacteria of public health importance and associated diseases, food spoilage and causative microorganisms. MOS: 91R20, 18D. Crd hrs: 10.

Subcourse: MD0723

Title: Food Deterioration.

Description: Introduction to food deterioration, including basic terminology, causes of food deterioration, and various deterioration conditions and their characteristics. Deterioration in meat/meat products, waterfoods, dairy products, shell eggs, fresh fruits and vegetables, and semiperishable subsistence items. MOS: 91R20. Crd hrs: 10.

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Subcourse: MD0726**Title:** Contract Administration.**Description:** Overview of the contracting procedures used by DPSC. Assembling an inspection data packet. Surveillance inspection. MOS: 91R20. Crd hrs: 4.**Subcourse: MD0728****Title:** Poultry II.**Description:** Standard references, official identification marks, and terminology used in poultry inspections; differences between the United States Department of Agriculture grading service and inspection service; determining class, quality, and condition of poultry with respect to the grading of poultry; procedures for verifying the grade of poultry. MOS: 91R20. Crd hrs: 10.**Subcourse: MD0750****Title:** Introduction to Medical Records and the Patient Administration Division.**Description:** Mission of the Patient Administration Division in the AMD0D. Introduction to the organization and responsibilities for patient administration; introduction to regulatory controls for military health care and patient records. Organizational structure and functions of the Office of the Chief, including training programs. MOS: 91G. AOC: 70E67. Crd hrs: 5.**Subcourse: MD0751****Title:** Outpatient Medical Records Branch.**Description:** Preparation, use, filing, controlling, and disposition of Army Health Records, Outpatient Treatment Records, and Field Medical Card. Description and use of the Terminal Digit Filing System and the records control program. MOS: 91G. AOC: 70E67. Crd hrs: 12.**Subcourse: MD0752****Title:** Patient Accountability Branch.**Description:** Procedures for processing patients into and out of the hospital (admission and disposition), including absent sick processing; evacuation of patients to other medical treatment facilities, including aeromedical evacuation; accountability of patients carried on the rolls of the medical treatment facility; and safeguarding the possessions of patients. MOS: 91G. AOC: 70E67. Crd hrs: 25.**Subcourse: MD0753****Title:** Medical Records Administration Branch I.**Description:** Preparation, use, filing, control, and disposition of Inpatient Treatment Records. Introduction to the diagnostic and operation coding and the preparation of the Inpatient Treatment Record Cover Sheet. Introduction to the individual patient data system. MOS: 91G. AOC: 70E67. Crd hrs: 20.**Subcourse: MD0754****Title:** Medical Records Administration Branch II.**Description:** Preparation and use of medical statistical reporting. Study of the quality assurance program (medical care evaluation) and the release of medical information. MOS: 91G. AOC: 70E67. Crd hrs: 10.**Subcourse: MD0755****Title:** Patient Affairs Branch.**Description:** Management of the TRICARE program; medical board administration and PLEBO service; administrative management of seriously ill/very seriously ill and special-category reporting requirements; initiation of line-of-duty determination; third-party-liability reporting; and disposition of the deceased. MOS: 91G. AOC: 70E67. Crd hrs: 20.**Subcourse: MD0780****Title:** Anatomy and Physiology for the Animal Care Specialist.**Description:** Introduction to the anatomy and physiology of animals with emphasis on dogs. Areas presented are the skeletal, muscular, skin, circulatory, respiratory, digestive, reproductive, gland and nervous systems. MOS: 91T. Crd hrs: 8.**Subcourse: MD0781****Title:** Rope Knots and Restraints for the Animal Care Specialist.**Description:** Basic knot tying techniques and the use of manual restraints on animals for examination and treatment. MOS: 91T. Crd hrs: 8.**Subcourse: MD0782****Title:** Emergency Medical Care and Surgical Procedures for the Animal Care Specialist.**Description:** Care and treatment for shock, trauma, and other life-threatening injuries. Use of knots and ties in surgery. Presurgical and postsurgical care and procedures. Basic principles for various methods of sterilization. MOS: 91T. Crd hrs: 14.**Subcourse: MD0789****Title:** Necropsy Procedures for the Animal Care Specialist.**Description:** Overview of the information and procedures needed by the animal care specialist to assist with or perform the necropsy techniques, the processing and shipment of specimens and the recording of necropsy data. MOS: 91T. Crd hrs: 6.**Subcourse: MD0790**

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Title: Introduction to Parasitology for the Animal Care Specialist.

Description: Introduction to parasitology, care and use of the microscope, and collection and processing of specimens. MOS: 91T. Crd hrs: 5.

Subcourse: MD0794

Title: Animal Health Records.

Description: Items contained within the health record folder of the military working dog; proper placement, labeling, and usage of animal health records; tasks required of the animal care specialist in regard to animal health records. MOS: 91T. Crd hrs: 4.

Subcourse: MD0795

Title: Administrative Procedures for the Animal Care Specialist.

Description: Responsibility, planning, and coordination of the various management aspects of the operation of a veterinary clinic; veterinary and unit management, veterinary records and reports, and transportation management of military dogs. MOS: 91T. Crd hrs: 3.

Subcourse: MD0801

Title: Prescription Interpretation.

Description: Terms, abbreviations, and symbols commonly seen on prescriptions brought to the pharmacy. Authorized prescription forms are presented and the component parts of each are discussed. The emphasis of the subcourse is on the actual interpretation of prepared prescription forms. MOS: 91Q, 18D. Crd hrs: 3.

Subcourse: MD0802

Title: Pharmaceutical Calculations.

Description: Types of calculations most often performed in the pharmacy. Review of basic mathematics, ratio and proportion principles, the metric system, percentage preparations, reduction and enlargement of formulas, and dosage calculations are only a few examples of topics addressed in the subcourse. The student is required to become actively involved in the learning process by solving realistic problems involving pharmaceutical preparations. MOS: 91Q/T, 18D. Crd hrs: 10.

Subcourse: MD0803

Title: General Chemistry.

Description: Basic concepts related to inorganic and organic chemistry. It provides the learner with these concepts in order that the understanding of certain topics (e. g., drug therapy) in the medical field can be enhanced. Chemical nomenclature, chemical reactions, acids, bases, and salts are only a few examples of material discussed in the subcourse. MOS: 91Q/S/V, 18D. Crd hrs: 14.

Subcourse: MD0804

Title: Pharmacology I.

Description: First in a series of five subcourses that deal with pharmacology. Include concepts of anatomy and physiology which lead to a more in-depth understanding of the pharmacological concepts discussed. Emphasis is placed upon current drug therapy (indications, uses, side effects, and contraindications of medications). Professional references in pharmacy; anatomy, physiology, and pathology principles important to pharmacology; the central nervous system; local anesthetic agents and central nervous system stimulants. MOS: 91Q, 18D. Crd hrs: 14.

Subcourse: MD0805

Title: Pharmacology II.

Description: Pharmacology related to the human nervous and muscular systems. Review of the principles of anatomy and physiology related to the nervous and muscular systems. Skeletal muscle relaxants; analgesics, anti-inflammatory agents, and anti-gout agents; adrenergic agents; adrenergic blocking agents; cholinergic agents; and cholinergic blocking agents. MOS: 91Q, 18D. Crd hrs: 14.

Subcourse: MD0806

Title: Pharmacology III.

Description: Pharmacology related to the human circulatory, respiratory, and urinary systems. The anatomy and physiology of these systems is discussed in relation to pharmacology. Respiratory drugs, cardiac drugs, vasodilator agents, anti-hypertensive agents, and diuretic and antidiuretic agents. MOS: 91Q, 18D. Crd hrs: 14.

Subcourse: MD0807

Title: Pharmacology IV.

Description: Pharmacology related to the digestive and endocrine systems of the body. The anatomy and physiology of these systems is discussed in relation to pharmacology. Antacid and digestant agents; emetic, antiemetic, and anti-diarrheal agents; cathartic agents; thyroid, antithyroid, and parathyroid agents; and reproductive hormones and oral contraceptives. MOS: 91Q, 18D. Crd hrs: 14.

Subcourse: MD0808

Title: Pharmacology V.

Description: Agents used to treat various medical conditions. Categories include: an introduction to microbiology; intestinal parasites and antiparasitic agents; antibiotics and sulfonamides; antifungals, antihistamines, and antimalarial agents; biologicals; and vitamins and minerals. MOS: 91Q, 18D. Crd hrs: 7.

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Subcourse: MD0809**Title:** Introduction to Compounding and Manufacturing.**Description:** This subcourse discusses the principles involved in compounding individual prescriptions and in manufacturing bulk quantities of pharmaceutical preparations. Classes of preparations (e. g., elixirs) are discussed with emphasis on their preparation and uses in the pharmacy. MOS: 91Q. Crd hrs: 8.

Subcourse: MD0810**Title:** Outpatient Dispensing.**Description:** Laws and regulations that control operations in the outpatient pharmacy. Interpretation of the prescription form. Steps involved in the filling/refilling of a prescription. The student is required to decide whether prescriptions should be filled/refilled based upon laws and Army regulations. MOS: 91Q. Crd hrs: 8.

Subcourse: MD0811**Title:** Inpatient Dispensing.**Description:** Dispensing of medications using the ward issue and unit dose systems; advantages and disadvantages of each; usage of forms (including the patient medication profile); packaging, labeling, and delivery. Preparation of sterile products, including usage and maintenance of the laminar airflow hood, the sterile product order form, production techniques, and work counts. MOS: 91Q. Crd hrs: 7.

Subcourse: MD0812**Title:** Topics in Pharmacy Administration.**Description:** Brief overview of pharmacy administration. Pharmaceutical jurisprudence, pharmacy security, and work count in the pharmacy. MOS: 91Q. Crd hrs: 3.

Subcourse: MD0813**Title:** Supply Procedures for the Pharmacy Specialist.**Description:** Army medical supply procedures performed in an Army pharmacy. Federal Supply Catalogs; nonstandard catalogs; procedures and forms utilized to order supplies; determining stock requirements; storage and control of inventory; controlled substance files; quality control; and receiving and turning in medical supplies. MOS: 91Q. Crd hrs: 12.

Subcourse: MD0837**Title:** Laboratory Mathematics.**Description:** General mathematics review (real numbers, equality, significant figures, rounding, scientific notation, logarithms); solution mathematics; molar solutions; equivalent solutions; conversion of concentration units; dilutions; titration; concentrated acids and bases; pH and buffers. MOS: 91K. Crd hrs: 13.

Subcourse: MD0838**Title:** Immunology.**Description:** An introduction to immunology and related serological procedures. MOS: 91K, 18D. Crd hrs: 10.

Subcourse: MD0841**Title:** Parasitology I.**Description:** Introduction to Parasitology. First of two subcourses dealing with parasitology for laboratory specialists. Overview of parasitology procedures for collecting, preserving and processing clinical specimens, and microscopy. MOS: 91K, 18D. Crd hrs: 8.

Subcourse: MD0842**Title:** Parasitology II.**Description:** Information processing for the identification of parasites of clinical importance. Significant characteristics of parasitic members of the Phyla Protozoa, Platyhelminthes, Aschelminthes, and Acanthocephathelminthes; Arthropods and vectors. MOS: 91K/T, 18D. Crd hrs: 12.

Subcourse: MD0845**Title:** Immunohematology and Blood Banking I.**Description:** Collection, processing, storage, and shipment of human blood; blood banks; transfusions; immunogenics (genetic determination of blood group antigens and their ramifications). MOS 91K, 18D. Crd hrs: 13.

Subcourse: MD0846**Title:** Immunohematology and Blood Banking II.**Description:** Immunohematology, immune hemolytic anemia and hemolytic diseases of the newborn; blood transfusion safety; blood banking procedures. MOS 91K, 18D. Crd hrs: 14.

Subcourse: MD0851**Title:** Anatomy and Physiology Related to Clinical Pathology.**Description:** Basic principles related to anatomy, physiology, and pathology. Diseases of each system are discussed as they pertain to the medical laboratory. MOS: 91K, 18D. Crd hrs: 6.

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Subcourse: MD0852

Title: Urinalysis.

Description: Laboratory methods commonly used in the collection and preservation of urine and in the detection of normal and abnormal constituents of urine. Photomicrographs and line-drawings illustrate the normal and abnormal sediments commonly seen in the microscopic examination of patient urine samples. MOS: 91K/T, 18D. Crd hrs: 7.

Subcourse: MD0853

Title: Hematology I.

Description: Laboratory studies which concern the composition of blood and the formation, maturation, and function of blood cells. Morphology, cell counts, and methods commonly used in hematology are also discussed. MOS: 91K/T, 18D. Crd hrs: 12.

Subcourse: MD0856

Title: Bacteriology.

Description: Principles, methods, and procedures used in cultivating, isolating, and identifying bacteria of clinical importance. MOS: 91K/T, 18D. Crd hrs: 20.

Subcourse: MD0857

Title: Hematology II.

Description: Laboratory procedures including differential leukocyte counts, blood coagulation studies, and equipment automation procedures. MOS: 91K/T. Crd hrs: 8.

Subcourse: MD0859

Title: Mycology.

Description: Principles and procedures involved in the cultivation, isolation, and identification of clinical importance. MOS: 91K. Crd hrs: 10.

Subcourse: MD0861

Title: Clinical Chemistry I.

Description: First in a series of five subcourses dealing with the modern practice of clinical chemistry. Introduction to laboratory safety, the measurement of weights and volumes, laboratory chemicals, laboratory mathematics, the collection and handling of specimens, quality control, and organic chemistry. MOS: 91K. Crd hrs: 8.

Subcourse: MD0862

Title: Clinical Chemistry II.

Description: Introduction to instrumentation in the modern medical laboratory. Hydrogen ion concentration (pH) and electrochemical methods, photometry and spectrophotometry, flame photometry, electrophoresis, radioassay, gas chromatography, and automated clinical chemistry. MOS: 91K. Crd hrs: 6.

Subcourse: MD0863

Title: Clinical Chemistry III.

Description: Carbohydrates, lipids, and proteins and their importance in medicine. Specific procedures and techniques for the determination of these substances. MOS: 91K. Crd hrs: 8.

Subcourse: MD0864

Title: Clinical Chemistry IV.

Description: Introduction to the preparation of protein-free filtrates, filtration and centrifugation, enzymes, renal function tests, and miscellaneous tests and techniques; specific techniques and procedures. MOS: 91K. Crd hrs: 8.

Subcourse: MD0865

Title: Clinical Chemistry V.

Description: Introduction to liver function and related tests and to electrolytes, pH, and blood gases. MOS: 91K. Crd hrs: 6.

Subcourse: MD0866

Title: Toxicology and Drug Monitoring.

Description: Introduction to toxicology and its importance to medicine. Recognized procedures and techniques for the identification and quantitation of chemical substances in the body. Techniques and procedures for drug monitoring. MOS: 91K. Crd hrs: 7.

Subcourse: MD0867

Title: Blood Donor Operations I.

Description: Perform blood donor center and transfusion service activities to include preparation of blood products for transfusion therapy. MOS: 91KM4. Crd hrs: 20.

Subcourse: MD0868

Title: Blood Donor Operations II.

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

Description: Conduct the blood donor center quality assurance, information management, and safety programs. Prepare the theater blood operations and blood bank operational report. MOS: 91KM4. Crd hrs: 8.

Subcourse: MD0878

Title: Nutrition Care Mission, Organization, and Patient Relations.

Description: Organization, mission, and functions of nutrition care; duties of the hospital food service specialist; health care ethics; proper procedures for interacting with patients. MOS: 91M10. Crd hrs: 5.

Subcourse: MD0880

Title: Food Tolerances and Dietary History Records.

Description: Performing nutritional risk assessments, obtaining a patient's food tolerances (foods liked and disliked), recording food tolerances on DA Form 2924 (Hospital Food Service Dietary History Record), updating Dietary History Records, and maintaining Dietary History Record files. MOS: 91M10. Crd hrs: 15.

Subcourse: MD0881

Title: Basic Nutrition and Patient Menu Evaluation.

Description: Nutrients, the digestive system, and calories. Preparing selective diet menu mats; evaluating patient menu selections; making recommendations based upon the nutritional evaluation of the food guide pyramid; related medical terminology. MOS: 91M10. Crd hrs: 7.

Subcourse: MD0882

Title: Process Menu Mats and Nourishment Documents.

Description: Completing a modified diet menu mat; making standard food exchanges using the food lists, Production Planning Report, and the patient's Dietary History Record; preparing special tallies; making entries on Telephone Diet Order; completing and revising nourishment labels; and processing documents. MOS: 91M10. Crd hrs: 6.

Subcourse: MD0884

Title: Weights and Measures, Ordering Subsistence Supplies, and HAZCOM.

Description: Review of U.S. standard weights and measures and the metric system. Conversion of weights and measures. Procedures for requisitioning, issuing, receiving, and inventorying hospital food service substance supply. Identifying possible chemical hazards, safety measures, and protective equipment required for hospital food service personnel. MOS: 91M10. Crd hrs: 7.

Subcourse: MD0885

Title: Modify Recipes for Therapeutic Diet Preparation.

Description: Modifying menu item worksheets for calorie-restricted, sodium-restricted, sodium-calorie-restricted, soft, fat-controlled, and consistency diets. MOS: 91M10. Crd hrs: 7.

Subcourse: MD0887

Title: Medical Nutrition Therapy.

Description: Explanation of therapeutic diets for specific illnesses and conditions; explanation of food exchanges; the diabetic exchange system; determining exchanges, and selecting appropriate menu mats for the various diets. MOS: 91M10. Crd hrs: 15.

Subcourse: MD0900

Title: Basic Mathematics.

Description: Procedures for addition, subtraction, multiplication, and division of whole numbers, negative numbers, decimals, and fractions; the metric (SI) system; converting between the metric system and the U.S. customary system; scientific notation; squares and square roots. MOS: 91W/M30/Q/R10/S/V, 18D. Crd hrs: 8.

Subcourse: MD0902

Title: Basic Electricity.

Description: Positive and negative charges on an atom of matter. Free electrons. Electron gains and losses. Attracting and repelling properties of electrical charges. Conductors, insulators, current, and resistance. Positive and negative potential and potential difference. Ohm's law. Symbols for battery, conductor, switch, lamp, resistors, ohms, voltmeter, ammeter, and simple direct current circuits. MOS: 91P. Crd hrs: 3.

Subcourse: MD0903

Title: Basic Electrical Circuits.

Description: Simple series and parallel circuits, including equivalent circuits. Simple direct current circuit diagrams. Use of Ohm's law to solve problems in one unknown, including voltage, voltage drop, resistance, and amperage. MOS: 91P. Crd hrs: 3.

Subcourse: MD0904

Title: Pharmacology Math for the Practical Nurse.

Description: Basic math skills (addition, subtraction, multiplication, division, fractions, decimals, percentages, and ratio and proportion); systems of measurement; computing medication dosages; computing intravenous infusion rates; and basic dose calculations. MOS: 91WM6/T/V. Crd hrs: 12.

Table 4–1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Subcourse: MD0905

Title: Nursing Fundamentals I.

Description: Patient relations including basic human needs, communication skills, stress and hospitalization, and transcultural factors influencing nursing care; the adult patient care unit; advanced principles of patient hygiene; body mechanics; positioning and ambulating the adult patient; and medical isolation. MOS 91WM6. Crd hrs: 12.

Subcourse: MD0906

Title: Nursing Fundamentals II.

Description: Assisting with the physical examination, specimen collection, catheterization of the male and female patient, vital signs, diet therapy, physical assessment, role of the practical nurse, and perioperative care. MOS 91WM6/D, 18D. Crd. hrs: 12.

Subcourse: MD0910

Title: Introduction to Practical Nursing.

Description: Discussion of the role of the 91WM6 practical nurse within the AMD0D. Descriptions of the practical nurse resident course and preparatory correspondence course. Duties and responsibilities of the practical nurse in the areas of soldiering, leadership, management, and clinical practice. MOS: 91WM6. Crd hrs: 3

Subcourse: MD0913

Title: Drug Dosage and Therapy.

Description: Interpreting medical orders. The metric and apothecary systems. Dose calculations Introduction to basic pharmacology. Antiseptics and disinfectants, respiratory drugs, central nervous system drugs, autonomic and cardiovascular drugs, and drugs used to prevent and/or treat infections. MOS: 91W/WM6/D, 18D. Crd hrs: 16. Note. Students desiring further study in pharmacology should investigate enrolling in Subcourses MD0804—MD0807.

Subcourse: MD0915

Title: Nursing Care of the Surgical Patient.

Description: Preoperative, operating room, recovery room, and postoperative care of the surgical patient. MOS 91WM6. Crd hrs: 10.

Subcourse: MD0916

Title: Nursing Care Related to the Musculoskeletal System.

Description: Patient assessment techniques, special orthopedic equipment, mobilization aids, care of patients with casts and traction, care of patients with contusions, sprains, strains, dislocations, fractures, and amputation. MOS: 91WM6, 18D. Crd hrs: 7.

Subcourse: MD0917

Title: Nursing Care Related to the Cardiovascular and Respiratory Systems.

Description: Anatomy and physiology, diagnostic procedures, physical examination, C–V disorders, sudden cardiac death, nursing management of respiratory disorders, and pulmonary drainage. MOS: 91WM6, 18D. Crd hrs: 12.

Subcourse: MD0918

Title: Nursing Care Related to the Gastrointestinal and Urinary Systems.

Description: Anatomy and physiology, patient assessment techniques, diagnostic procedures, gastrointestinal intubation, gavage, lavage, gastrostomy, ileostomy, colostomy, gastrointestinal disorders, diabetes, urinary catheterization and drainage, urinary tract infections, disorders of the urinary system, renal failure. MOS: 91WM6, 18D. Crd hrs: 12.

Subcourse: MD0919

Title: Nursing Care Related to the Sensory and Neurological Systems.

Description: Patient assessment techniques, disorders of the eye and ear, treatment for the eye and ear, care of the unconscious patient, infectious and degenerative disorders of one nervous system, head and spine injuries, and disorders of the brain and cranial nerves. MOS: 91WM6, 18D. Crd hrs: 12.

Subcourse: MD0920

Title: Medical Records and Sick Call Procedures.

Description: SF 511 (Vital Signs Record), DD Form 792 (Twenty-Four Hour Patient Intake and Output Worksheet), and other nursing forms; health records, outpatient treatment records, and inpatient treatment records; and sick call procedures. MOS: 91W10. Crd hrs: 8.

Subcourse: MD0921

Title: Obstetric and Newborn Care I.

Description: Reproductive anatomy and physiology, embryology and fetal development, diagnosis of pregnancy, psychologic needs during pregnancy, physiologic changes during pregnancy, prenatal care during pregnancy, personal hygiene and care during pregnancy, minor discomforts of pregnancy, patient education during pregnancy, and fetal positions. MOS: 91WM6. Crd hrs: 13.

Subcourse: MD0922

Title: Obstetric and Newborn Care II.

Description: Stages of labor and nursing care, precipitate and emergency delivery, management of obstetric discomfort during labor, special situations in labor and delivery, changes of the postpartal patient, psychological needs of the postpartal patient, complications of postpartum,

Table 4–1**Individual subcourses for the U.S. Army Medical Department Center and School—Continued**

characteristics of the typical newborn infant, care of the normal newborn following delivery, newborn nutrition, the premature infant, and the sick neonate. MOS: 91WM6. Crd hrs: 15.

Subcourse: MD0923

Title: Introduction to the Operating Room.

Description: Layout of surgical suite; operating room (OR) team, schedule, ethics and relationships, legal factors, bereavement. OR furniture and equipment; housekeeping; surgical nomenclature; OR policies; hazards. MOS: 91D. Crd hrs: 10.

Subcourse: MD0927

Title: Special Surgical Procedures I.

Description: Preparing the patient for surgery; positioning; draping; anesthesia; handling sutures and specimens; orthopedic surgery; plaster casts; safety precautions. MOS: 91D. Crd hrs: 14.

Subcourse: MD0928

Title: Special Surgical Procedures II.

Description: Procedures involved in eye, ear, nose, and throat surgery; OB/GYN (obstetrical and gynecological) surgery; and genitourinary surgery. MOS: 91D. Crd hrs: 8.

Subcourse: MD0933

Title: Scrub, Gown, and Glove Procedures.

Description: Principles, procedures, and techniques for scrubbing and donning sterile gown and gloves. MOS: 91D/B20, 18D. Crd hrs: 4.

Subcourse: MD0935

Title: Routine Procedures for an Operation.

Description: Procedures for the scrub and the circulator before, during, and after an operation. Procedure for cleanup following a case. MOS: 91D. Crd hrs: 10.

Subcourse: MD0937

Title: The Operating Room Specialist in the Centralized Materiel Service.

Description: Principles of sterile technique; function, personnel duties; processing equipment, supplies, packs and various treatment trays; sterilizing, wrapping and storing material; disinfecting nonsterile equipment. MOS: 91D. Crd hrs: 14.

Subcourse: MD0950

Title: Fundamentals of X-Ray Physics.

Description: Basic x-ray physics; function and structure of atoms and molecules; energy and work; production and nature of radiation; static electricity, current, electromagnetism; generators; electric motors; coils; transformers; x-ray tubes and circuits; rectification; radiological hazards. MOS: 91P. Crd hrs: 12.

Subcourse: MD0952

Title: Principles of Radiographic Exposure.

Description: Diagnostic quality; image characteristics; x-ray penetration; beam control; x-ray geometry; intensifying screens; factors which affect radiographic exposure; means of improving radiographic images. MOS: 91P. Crd hrs: 9.

Subcourse: MD0954

Title: X-Ray Film Processing.

Description: Composition, storage and handling of film; film development and processing techniques; adverse field conditions; photofluorographic film; special and emergency processing measures. MOS: 91P/T. Crd hrs: 9.

Subcourse: MD0956

Title: Anatomy for X-Ray Specialists.

Description: General osteology, arthrology. Classification and structure of bones. Fractures. Digestive, urogenital, respiratory, nervous, circulatory, and endocrine systems. MOS: 91P. Crd hrs: 11.

Subcourse: MD0959

Title: Fluoroscopy and Special Radiographic Techniques.

Description: Special considerations, techniques, and equipment used in fluoroscopic and certain special radiographic procedures. MOS: 91P. Crd hrs: 10.

Subcourse: MD0960

Title: Special Fluorographic and Radiographic Procedures.

Description: Procedures involving contrast media and other special radiographic and fluorographic procedures. MOS: 91P. Crd hrs: 10.

Subcourse: MD0961

Title: Standard Positioning Techniques I.

Table 4-1
Individual subcourses for the U.S. Army Medical Department Center and School—Continued

Description: Considerations in positioning the patient for x-rays: body mechanics, patient handling, key terms, order of procedure, film identification and captioning, and radiographic positioning for projections of the upper extremities. MOS 91P. Crd hrs: 12.

Subcourse: MD0962

Title: Standard Positioning Techniques II.

Description: Considerations in positioning the patient for x-rays and radiographic positioning for projections of the lower extremities, pelvic area, trunk, spine, cranium, and additional skull procedures. MOS: 91P. Crd hrs: 12.

Subcourse: MD0972

Title: Calorie-Restricted Diets.

Description: Discussion of the courses and effects of obesity and valid weight control techniques. Explanation of food exchanges. Procedures for completing a calorie-nutrient estimate worksheet, updating the Dietary History Record, and completing menu mats for nonstandard caloric-restricted diets. Procedures for instructing patients on calorie-restricted diets. MOS: 91M30. Crd hrs: 8.

Subcourse: MD0973

Title: Nonstandard Diabetic Diets.

Description: The disease process in diabetes mellitus and the goals of dietary treatment; the diabetic exchange system; calculating the diet distribution; determining exchanges and selecting and completing appropriate menu mats for the nonstandard diabetic diet. Procedures for instructing patients on the diabetic diet. MOS: 91M30. Crd hrs: 16.

Subcourse: MD0978

Title: Nutrition Care Administration I.

Description: Planning and preparing a hospital food service budget; use of the staffing guide and preparation of Schedule X; cost control and accounting procedures within the hospital food service division; processing subsistence and subsistence security; inspecting subsistence; storage of subsistence. MOS: 91M30. Crd hrs: 8.

Subcourse: MD0979

Title: Nutrition Care Administration II.

Description: Layout of hospital food service facilities; selection and placement of equipment; types and use of equipment specifications; and physical facility requirements. Basic supply principles; procurement of expendable and nonexpendable supplies and equipment; accounting for lost, damaged, or destroyed property; preparation of maintenance and job order requests. MOS: 91M30. Crd hrs: 9.

Subcourse: MD0980

Title: Nutrition Care Administration III.

Description: Career enlisted MOS: pattern, civilian personnel administration; modern techniques of supervision; and work simplification techniques. Military publications, correspondence, and maintenance of functional files; techniques for the conduct of food service sanitation inspections. MOS: 91M30. Crd hrs: 8.

Section II

U.S. Army Command and General Staff College

4-53. Command and General Staff Officer Course, Nonresident (1-250-C3)

a. Objective. The objective of the Command and General Staff College's nonresident program is to prepare Active Army, ARNG, and USAR officers for duty as field grade commanders and staff officers at division and higher echelons. The course educates officers in the values and practice of the profession of arms as well as the Army's Leader Development Program. The nonresident course is administered by the Directorate of Nonresident Studies (DNRS), Fort Leavenworth, KS. Inquiries may be addressed to Commandant, USA CGSC DNRS, Eisenhower Hall, Building 120, Room 273N, Fort Leavenworth, KS 66027-2314. For e-mail address, access the DNRS home page at <http://www-cgsc.army.mil/nrs>.

b. Curriculum. Over 400 credit hours in 17 subcourses with approximately 12 subjective and 13 objective requirements. The nonresident course parallels, as closely as possible, the core curriculum of the 40-week resident course.

c. Structure. The 17 subcourses are organized into four sequential phases (I, II, III, IV). All subcourses of a phase must be satisfactorily completed before receipt of the next phase. Completion of all requirements within 36 months of the enrollment date is required or the student may be permanently disenrolled. No voluntary disenrollments are allowed. The nonresident CGSOC is offered in three options.

(1) The correspondence option (phases I, II, III, and IV) is conducted by the individual student through self study. Instructional materials are mailed or viewed on the Web sequentially by phases to the student. Course requirements are returned to DNRS, Fort Leavenworth, KS, for grading.

(2) The extension course option (phases I, II, III, and IV) is taught through the Professional Development Education

Brigade School System. The brigade school year begins on 1 October of each year and ends 30 September of the following year. The year is divided into two instructional periods—Inactive Duty Training and Active Duty Training. Phases I and III are taught from October through May during IDT assemblies. Phases II and IV are taught in 2-week sessions from June through August during periods of ADT. ATRRS course number for CGSOC is 701-1-250-C3 (New-IDT)(F), phase I or III or (New-ADT)(F), phase II or IV. Students need to contact their unit operator or ARPERCEN team manager to determine the closest class location. Attending a brigade school does not itself constitute automatic enrollment in the CGSOC. Until the student's eligibility is determined by DNRS, the student is not officially enrolled in this option.

(3) Students may also complete the nonresident CGSOC by participating in a combination of both the correspondence and extension course options. Any student who wants to transfer from the correspondence option to the extension course option must confer with DNRS to determine their eligibility.

d. Criteria for enrollment.

(1) All officers should become familiar with CGSC Circular 351-3, the nonresident catalog which is on the Web (<http://www-cgsc.army.mil/nrs>) before submitting a paper enrollment form (CGSC Form 59-R (Application for Enrollment)) or the electronic application on the Web. All officers should understand the curriculum requirements, the academic and ethical standards, the phase eligibility requirements, and the time limits of the course before enrollment.

(2) All officers must meet the height and weight standards prescribed by AR 600-9 and will submit a current copy of their APFT card with their application.

(3) Officers in the rank of promotable captain or major who have completed an OAC and Staff Process Course are eligible for enrollment. CPT(P) are required to submit their sequence number or a copy of their selection letter. Depending on the major's date of rank as a captain, the officer will be required to have CAS³ as a prerequisite to CGSOC.

(4) DA civilian employees, GS-11 or above, whose duties require knowledge of the subject matter in the curriculum, may enroll in the correspondence option. The application for enrollment must be accompanied by a letter of recommendation from the person (military or civilian) in charge of the activity where the applicant is employed. A person's civilian status does not take precedence over his military status. Defense contractors are not eligible to enroll.

(5) Commissioned officers, Active or RC of the Navy, Marine Corps, or Air Force may enroll in the nonresident CGSOC if they possess qualifications equivalent to those of Army officers and if they are eligible to enroll in their own service course. They must obtain approval through their command channels to enroll.

(6) Officers who have already graduated from CGSOC are not eligible. However, a student who has completed a command and staff course equivalent from another Service, either resident or nonresident, is eligible to enroll in CGSOC.

(7) No warrant or noncommissioned officers are eligible to enroll in CGSOC.

(8) No retired military personnel are eligible to enroll in CGSOC.

(9) International military personnel must obtain prior approval from their own military service and through the U.S. Army Training and Doctrine Command (TRADOC).

(a) Applications from international military personnel are submitted through the U.S. Military Assistance Advisory Group (MAAG) or through the Defense Attache to the U.S. Embassy in their countries. These activities will forward requests to Commander, ATTN: Security Assistance Training Field Activity (ATFA R), TRADOC, Fort Monroe, VA 23651-5267.

(b) TRADOC determines whether the course is critical to the officer's function in his or her military position. If determined critical, funds are approved. If determined noncritical, then the country of origin must fund the course.

e. Application procedures.

(1) To obtain information and an enrollment application, submit a written request to Commandant, USA CGSC DNRS, Eisenhower Hall, Building 120, Room 273N, Fort Leavenworth, KS 66027-2314; or find telephone numbers or e-mail addresses on the DNRS home page (<http://www-cgsc.army.mil/nrs>).

(2) Administrative processing and information is provided by academic counselors from the DNRS. Students desiring information about their academic status, receipt or nonreceipt of student material, additional material required, and so forth may e-mail or write DNRS. All inquiries should include the student's name, rank, social security number, and current mailing address.

Section III Emergency Management Institute

4-54. General information

a. Introduction. The Federal Emergency Management Agency (FEMA) offers independent study courses which are pertinent to the instruction of military personnel. The Emergency Management Institute (EMI) administers the independent study program for the agency.

b. Administration.

(1) FEMA presently offers 18 independent study courses designed for the general public. (Refer to the specific

course description prerequisites identified for each course for exceptions to this standard.)

Note. EMI field (G-coded) courses are offered and delivered by the states. For application and enrollment information students should contact their respective state Emergency Management Agency and speak with the state training officer.

(2) Each independent study course includes a final examination, and those who score 75 percent or better are issued a certificate of achievement by EMI. Individual and group enrollments are available at no charge. Group enrollments should be coordinated with local or State Offices of Emergency Management. Course materials may be obtained by writing (include name, address, social security number, and the course title) to the following address: FEMA Independent Study Program, Administrative Office, Emergency Management Institute, 16825 South Seton Avenue, Emmitsburg, MD 21727-9986. Students may enroll in any number of courses; however, only one course will be sent at a time. Upon successful completion, the next available course from the student's selections will be sent.

(3) One college credit and/or one continuing education unit (CEU) will be awarded upon successful completion of each course. CEU award letter will accompany each course, while college credit must be applied for, with the appropriate fee, from Frederick Community College, Frederick, Maryland. College credit application information and processing is coordinated through the FEMA Independent Study Program Administrative office at the above address.

(4) Military (Army, Air Force, and Coast Guard) Reserve Component personnel not on extended duty may earn points for retention and retirement purposes upon satisfactorily completing these courses. Points are awarded by respective Services, not FEMA. Upon written request, the independent study staff will provide the Reserve Component member with the documentation needed to apply for points.

(5) EMI independent study program information may be accessed on the World-wide Web at <http://www.fema.gov/emi/ishome.htm>.

4-55. Course listings

Table 4-2 is a listing of FEMA's correspondence courses.

Table 4-2
FEMA Courses

Course: IS-1

Title: Emergency Program Manager: An Orientation to the Position.

Description: This independent study course provides an introduction to Comprehensive Emergency Management (CEM) and the Integrated Emergency Management System (IEMS). Included is an in-depth look at the four phases of comprehensive emergency management: mitigation, preparedness, response, and recovery. The text is accompanied by illustrations, diagrams, and figures. In most units, there are worksheets, exercises, and tasks to complete.

Prerequisite: None.

Study hours: 10-12.

Course: IS-2

Title: Emergency Preparedness, USA.

Description: This independent study course contains information about natural and technological hazards. Participants are led through the development of personal emergency preparedness plans and are encouraged to become involved in the local emergency preparedness network. The text is accompanied by illustrations, maps, charts, and diagrams.

Prerequisite: None.

Study hours: 10-12.

Course: IS-3

Title: Radiological Emergency Management.

Description: This independent study course contains information on a variety of radiological topics, including fundamental principles of radiation; nuclear threat and protective measures; nuclear power plants; radiological transportation accidents; and other radiological hazards.

Prerequisite: None. This course is a prerequisite for Fundamentals course for Radiological Monitors (G320.01).

Study hours: 8-10.

Course: IS-5

Title: Hazardous Materials: A Citizen's Orientation.

Description: This independent study course provides a general introduction to hazardous materials that can serve as a foundation for more specific research. The course has five units and has been designed with the objective of helping the individual: recognize the dangers posed by hazardous materials; identify places where hazardous materials are likely to be encountered; understand when a hazard may exist; contact the appropriate persons or agencies to give or receive specific hazardous materials information; and identify procedures to minimize personal and community exposure to hazardous materials.

Prerequisite: None.

Study hours: 14-16 hours.

Course: IS-7

Title: A Citizen's Guide to Disaster Assistance.

Table 4–2
FEMA Courses—Continued

Description: This independent study course provides a basic understanding of the roles and responsibilities of the local community, State, and the Federal government in providing disaster assistance. It is appropriate for both the general public and those involved in emergency management who need a general introduction to disaster assistance.

Prerequisite: None.

Study hours: 10-12.

Course: IS-8

Title: Building for the Earthquakes of Tomorrow: Complying with Executive order 12699.

Description: This course provides the student with the background necessary to understand the effects of Executive Order (EO) 12699, signed by President Bush in 1990. In the wake of the loma prieta earthquake of October 1989, this EO requires all federally owned, leased, or financed new buildings to comply with strict earthquake building design set forth in the National Earthquake Hazard Reduction Plan (NEHRP) Recommended Building Provisions. The NEHRP has provided a base for all national building codes for seismic design. The course is a non-technical discussion of earthquakes, building design, and the requirements of the EO. It is for local officials including mayors, city managers and commissioners, local council persons, building inspectors, zoning officials, building designers, and others concerned with this topic.

Prerequisite: None.

Study hours: 6-10.

Course: IS-9

Title: Managing Floodplain Development Through the National Flood Insurance Program (NFIP).

Description: This independent study course is designed to provide technical, in-depth information to community officials who have responsibility for administering floodplain development. The course provides a comprehensive initiation into floods and floodplain concerns, particularly the NFIP, including studies and mapping, regulatory measures, ordinance administration, substantial improvement and damage, flood insurance, and disaster operations and hazard mitigation. Course materials include a student manual, videotape, engineer scale, and flood maps of various types.

Prerequisite: Students applying for this course must be employed as federal, state, and/or local Floodplain Managers.

Study hours: 30-40.

Course: IS-10

Title: Animals in Disaster: Module A 'Awareness and Preparedness.'

Description: Module A of this two-part course is designed to increase the awareness and preparedness of animal owners and care providers. It includes sections on typical hazards, how these can effect animals and what can be done by responsible animal owners on their animals as well upon themselves.

Prerequisite: None.

Study hours: 10-12.

Course: IS-11

Title: Animals in Disaster: Module B 'Community Planning.'

Description: Module B of the second part of the Animals in Disaster course is intended to guide emergency management officials, animal owners, care providers, and animal industries in preparing disaster plans. The goal of this module is to provide information sufficient to enable the animal care community and emergency management officials to meet and develop meaningful and effective plans that improve the care of animals, their owners, and the animal care industry in times of disaster.

Prerequisite: None.

Study hours: 10-12.

Course: IS-120

Title: An Orientation to Community Disaster Exercises.

Description: This independent study course includes a 1/2' VHS video cassette and a student manual and provides an orientation to the types of exercises used to test and evaluate a community's emergency plan. The content illustrates the eight basic steps in exercise design and emphasizes the use of a design team to ensure the success of a community's exercise program.

Prerequisite: None. This course is a prerequisite to participation in the State-delivered G120 Exercise Design Course.

Study hours: 4-10.

Course: IS-195

Title: Basic Incident Command System.

Description: This independent study course is designed to provide a general introduction to the incident command system (ICS) for individuals who have emergency response duties. It is designed as a multi-discipline course with various incident scenarios and activities. Units of study include Introduction to the Incident Command System (ICS); The ICS Orientation, Incident Facilities; Incident Resource Management; and incident Command System Assignments. (This course also may be delivered in the classroom (1 1/2 days). FEMA has developed an instructor guide.) The content of this course is generally equivalent to National Interagency Incident Management System (NIMS) training modules 1-6(1-100/200).

Prerequisite: None.

Study hours: 12-15.

Table 4-2
FEMA Courses—Continued

Course: IS-275

Title: The Emergency Operations Center's (EOC's) Role in Community Preparedness, Response, and Recovery Operations.

Description: The goal of this independent study course is to provide the reader with the understanding of the vital role an EOC plays in the overall community's preparedness, response, and recovery activities. This course includes a workbook and videotape, The Role of the EOC, which the reader may keep for future reference.

Prerequisite: None. This course is a prerequisite for G275, Emergency Operations Center(EOC) Management and Operations.

Study hours: 12-15.

Course: IS-279

Title: Retrofitting Flood-Prone Residential Buildings.

Description: This independent study is a prerequisite to attendance at EMI's more technical resident course of the same title (E279). The course provides the users with an overview of retrofitting, the National Flood Insurance Program (NFIP) and minimum requirements of floodplain management as it relates to retrofitting methods, and parameters that influence retrofitting decisions. This course format is programmed instruction which allows you to work at your own pace.

Prerequisite: None.

Study hours: 8-10.

Course: IS-288

Title: The Role of Voluntary Agencies in Emergency Management.

Description: This independent study course is intended to educate the reader about the vital role that voluntary agencies play as key partners in providing disaster relief services throughout the entire emergency management cycle (i.e., mitigation, preparedness, response, and recovery).

Prerequisite: None.

Study hours: 12-15.

Course: IS-301

Title: Radiological Emergency Response.

Description: This course is a prerequisite to the resident course S301, Radiological Emergency Response Operations (RERO). The goal of this independent study course is to provide a learning experience in which participants demonstrate a comprehensive understanding of radiological protection and response principles, guidelines, and regulations that will prepare them for the operations course (RERO)

Prerequisite: None.

Study hours: 4-10.

Course: IS-330

Title: Refresher Course for Radiological Response.

Description: This individualized instruction is available on videotape and workbook for the individual to review monitoring techniques, protective actions, and radiation information for all types of radiation emergencies. Access to a 1/2" VHS video player and television is required. The videotape may be kept for future refresher training. CD-ROM format also is available.

Prerequisite: Successful completion of G230.01 Fundamentals Course for Radiological Monitors and G230.02 Fundamentals Course for Radiological Response Teams (FCRRT). Participants should submit a copy of their certificates along with the enrollment application.

Study hours: 2-8.

Course: IS-346

Title: Orientation to Hazardous Materials for Medical Personnel.

Description: This self-study guide is designed to prepare medical and hospital personnel to analyze hazardous materials situation, take the necessary steps to assure medical provider safety, and identify appropriate resources for decontamination and medical care. This course serves as the prerequisite for the field (non-resident) course G346. Hospital Emergency Department Management of Hazardous Materials Accidents (HMA).

Prerequisite: None.

Study hours: 12-18.

Course: IS-393

Title: Introduction to Mitigation.

Description: This independent study course provides an overview of the basic mitigation knowledge that is needed to initiate interested parties into the field of mitigation and hazards threatening the community mitigation strategies, responsibilities, and resources, and about building a program.

Prerequisite: None. This course is a prerequisite for participation in the Mitigation for Emergency Managers Course, G393.

Study hours: 10-12.

Section IV

U.S. Army John F. Kennedy Special Warfare Center and School

4-56. How to enroll

Unless otherwise noted, individuals desiring to enroll in a course should complete a DA Form 145 and forward it through the individual's chain of command to: Commander, B Company, 3rd Battalion, 1st Special Warfare Training Group (Airborne), ATTN: AOJK-GPC-SB-RC, Non-resident Training Section, Fort Bragg, NC 28310-5000. For further information call (910) 432-4607/3822 or DSN 239-4607/3822. Enrollments will not be effected without chain of command authorization.

4-57. RC Civil Affairs Officer Advanced Course (Civil Affairs Branch, 38A)

a. Objective. To qualify USAR officers not on active duty (AGR officers may attend), for the Civil Affairs Branch and for command and staff duties at battalion through theater in both conventional and Special Operations Forces units.

b. Eligibility. Must be a USAR commissioned officer in the rank of first lieutenant and above who has completed and received credit for an OBC. Other personnel, regardless of rank or component, with an operational requirement, desiring familiarization in Civil Affairs may request enrollment for individual subcourses in phase I; however, they are ineligible to attend phase II. Waivers for Phase II attendance should be addressed to : Commander, 3rd Battalion, 1st SWTG (S-3), ATTN: AOJK-GPC-B Fort Bragg, NC 28310-5000

c. Curriculum. 2 phases.

(1) *Phase I.* Correspondence. Six common core subcourses and seven CA Branch subcourses. TPU soldiers must enroll in this phase through their units. IRR/IMA soldiers must enroll through ARPERSCOM.

(a) 13 subcourses.

(b) *Subcourses.* CAOAC is normally shipped as two packets.

1. *Packet 1 Subcourses.* Packet 1 subcourses are IS1801, IS1802, IS7006, IS7038, IS7045, IS8720. They are the common core curriculum for all Officer Advanced Courses. They can be completed through hard copy mailing or on line through the Reimer Digital Library per page 2, para 1&ndash8. If completed on-line, credit will be granted to students when copies of individual subcourse completion notices, with passing grades, are sent to the Nonresident Training Section.

2. *Packet 2 Subcourses.* Packet 2 subcourses are CA0001, CA0002, CA0003, CA0004, CA0005, CA0006, CA0007. These subcourses are not yet available on-line and must be mailed hard copy to the student.

(2) *Phase II.* Phase II is a mandatory two-week resident phase. Phases *must* be completed in sequence. All phase I requirements, including the written practical exercise (PE), must be satisfactorily completed *at least 45 days* prior to attendance at phase II. The written requirement must be received at least 60 days prior to soldier's desired class date. The course must be completed in its entirety within 2 years of enrollment. Upon successful completion of both phases of training, a diploma will be issued by USAJFKSWCS.

4-58. Psychological Operations Officer Course RC (APC 39B)

a. Objective. To qualify USAR officers not on active duty (AGR officers may attend) for Psychological Operations command and staff duties at battalion through theater in both conventional and Special Operations Forces units. To provide the officer with the ability to employ PSYOP doctrine, concepts, tactics, techniques, and procedures in support of military operations, including the ability to analyze foreign target audiences, develop and produce PSYOP products, select and employ media, control programs, conduct basic research and studies, and evaluate effectiveness.

b. Eligibility. Must be a USAR commissioned officer in the rank of first lieutenant and above who has completed and received credit for an OBC and has an operational requirement for training in Psychological Operations (assigned to USACAPOC, CAG, or in a 38A/39B DMOSQ position). Other personnel without a clear operational requirement require justification in block 19 of the DA Form 145 to determine the validity of their enrollment of phase I of the course and are ineligible to attend Phase II. Waivers for phase II attendance should be addressed to: Commander, 3rd Battalion, 1st SWTG (S-3), ATTN: AOJK-GPC-B Fort Bragg, NC 28310-5000.

c. Curriculum. 2 phases. Phase I will be completed by correspondence. All phase I requirements must be satisfactorily completed *at least 45 days* prior to attendance at phase II. Phase II is a mandatory 2-week resident phase. Phases must be completed in sequence. Upon successful completion of both phases of training, a diploma will be issued by USAJFKSWCS.

(1) *Phase I.* Correspondence; 14 Psychological Operations subcourses. TPU soldiers must enroll in this phase through their units. IRR/IMA soldiers must enroll through ARPERSCOM.

(a) 14 subcourses.

(b) *Subcourses.* PO0201, PO0202, PO0203, PO0204, PO0205, PO0206, PO0207, PO0208, PO0209, PO0210, PO0211, PO0212, PO0213, PO0214.

(2) *Phase II.* Phase II is a mandatory 2-week resident phase. Phases *must* be completed in sequence. All phase I requirements must be satisfactorily completed *at least 45 days* prior to attendance at phase II. The course must be completed in its entirety within 2 years of enrollment.

Table 4–3
Individual subcourses for the U.S. Army John F. Kennedy Special Warfare Center and School

Subcourse: CA0001

Title: The Strategic Environment.

Description: Provides the organizational framework for understanding world events and the operational environment. Covers the strategic environment, foreign influences in an area of operations, cross cultural communication, and CA operations during peacetime and war. Crd hrs: 9.

Subcourse: CA0002

Title: History of Civil Affairs.

Description: Presents the historical heritage of CA. Includes a case study presenting CA operations in a low intensity conflict situation. Crd hrs: 10.

Subcourse: CA0003

Title: U.S. Army Concept of Civil Affairs.

Description: Presents instruction on civil-military operations and CA concepts, CA position within the battlefield operating systems, and CA organization for operations and missions across the range of military operations. Crd hrs: 8.

Subcourse: CA0004

Title: Civil Affairs Functional Specialties.

Description: Identifies and examines in detail the 20 Civil Affairs functional specialties and the objectives, tasks, and capabilities of each functional specialty. Crd hrs: 10.

Subcourse: CA0005

Title: Special Operations and Leadership.

Description: Identifies the structures of Special Operations Forces (SOF), the relationships among them, and CA relationship to other SOF. Crd Hrs: 8.

Subcourse: CA0006

Title: Staff Organization and Procedures.

Description: Introduces command and staff relationships, coordinating staff functions and basic command and control systems used by CA and SOF. Crd hrs: 25.

Subcourse: CA0007

Title: The CMO Estimate.

Description: Formerly part of CA 0004. Introduces the CMO estimate and the MDMP process. Requires the soldier to complete a written practical exercise. (Prerequisites: CA 0001, CA 0002, CA0003, and CA 0004). Crd hrs: 20.

Subcourse: PO0201

Title: Introduction to Psychological Operations.

Description: Provides the basic principles of PSYOPS, as well as the historical significance, critical elements, roles, functions, capabilities, limitations, and objectives of PSYOP. Crd hrs: 10.

Subcourse: PO0202

Title: Psychology of Persuasion.

Description: Presents the fundamentals of psychology and communications applicable to PSYOP, human communications, culture, and fundamentals of PSYOP persuasion. Crd hrs: 3.

Subcourse: PO0203

Title: Target Audience Analysis Process.

Description: Presents the analysis of the target audience, group and individual motivation factors, and the effect, design, and dissemination of PSYOP programs. Crd hrs: 8.

Subcourse: PO0204

Title: Intelligence for Psychological Operations.

Description: Presents the intelligence systems and products of PSYOP for use to support the commander's effort. Crd hrs: 5.

Subcourse: PO0205

Title: Psychological Operations Communications.

Description: Identifies the importance of cross-cultural and symbolic communications in the conduct of PSYOP. Crd hrs: 3.

Subcourse: PO0206

Title: Psychological Operations and Mass Media.

Description: Presents the media factors impacting PSYOP targeting audiences, lines of communications, and foreign government information and influence of mass communications factors. Crd hrs: 8.

Subcourse: PO0207

Table 4–3

Individual subcourses for the U.S. Army John F. Kennedy Special Warfare Center and School—Continued

Title: PSYOP Mission Planning Process.

Description: Identifies PSYOP missions and objectives, command relationships between units, developing a mission analysis, and completing an annex for a supported command. Crd hrs: 11.

Subcourse: PO0208

Title: PSYOP Product Development Center.

Description: Presents the coordination and supervision of the development, production, and dissemination of PSYOP products by audio, audiovisual, or visual media, to include discussion of the product development center. Crd hrs: 4.

Subcourse: PO0209

Title: Psychological Operations Program Development and Implementations.

Description: Presents basic knowledge of the development and implementation of psychological operations. Crd hrs: 6.

Subcourse: PO0210

Title: PSYOP Propaganda Analysis and Counterpropaganda Techniques.

Description: Presents the source, content, audience, media, and effect of analyzing hostile propaganda, the themes of hostile propaganda, and techniques for conducting counterpropaganda programs. Crd hrs: 6.

Subcourse: PO0211

Title: Psychological Operations Support.

Description: Presents the PSYOP principles of internal defense and development, how to plan acts of civil disobedience, and the techniques used in crowd manipulation. Crd hrs: 5.

Subcourse: PO0212

Title: Psychological Operations and the Law.

Description: Presents the legal status of military deployed personnel and the major legal systems currently prevalent in the world. Crd hrs: 3.

Subcourse: PO0213

Title: Psychological Operations and Terrorism.

Description: Presents psychological operations used in terrorism, anti terrorism, and counter terrorism. Crd hrs: 6.

Subcourse: PO0214

Title: Psychological Operations and the U.S. Country Team.

Description: Presents a basic knowledge of the organization and functions of subject matter. Crd hrs: 2.

Section V

U.S. Army Materiel Command

4–59. Depot Maintenance Interservice Support Agreement Course

a. Objective. To teach basic concepts of interservice (or intraservice) depot maintenance, and to teach details of the Depot Maintenance Interservice Support Agreement (DMISA), the compendium of business agreements negotiated by the involved Services; i.e., by the owning Service and the maintaining Service.

b. Eligibility. Military personnel and civilians involved in interservicing and/or the negotiation and administration of DMISAs. All those individuals who plan, schedule, workload, and administer DMISAs at MACOMs, AMC major subordinate commands and separate operating agencies, and locations and Army maintenance depots.

c. Administration. Students receive a textbook and a computer diskette containing tests. When students complete training, they retain the textbook and return the diskette. Diskette must be returned within 90 days. The graduating student receives a diploma issued by the Joint Policy Coordinating Group on Depot Maintenance. Daily student counselling is available. Neither the student nor the student's agency is charged for the course. Approximately 800 military personnel and civilians have graduated from the four military services and the Defense Logistics Agency. Eligible students may apply via DD Form 1556 (Request, Authorization, Agreement, Certification of Training and Reimbursement) (copy 1) directly to Director, Joint Depot Maintenance Analysis Group, ATTN: MAS, Bldg 280, Door 24, 4170 Hebble Creek Road, Wright-Patterson AFB, OH 45433–5653. Send copy 3 of the DD Form 1556 to Commander, U.S. Army Materiel Command, ATTN: AMCLG–MJ, 5001 Eisenhower Avenue, Alexandria, VA 22333–0001.

d. Curriculum. There are 12 modules of approximately 10 pages each. After each module, there are exercise questions. After each module, the student accesses the diskette and takes the module's final test that is programmed on

the diskette. After the 12th test, the program tells the student which individual tests (if any) must be taken again. Average score of 90 is needed to pass.

Section VI National Cryptologic School

4-60. Curricula

The National Cryptologic School (NCS) provides resident and nonresident self-paced courses related directly to cryptologic professions or disciplines. These curricula include courses necessary to develop the highest level of professional skills attainable in a cryptologic discipline. A complete list of self-paced courses is in Section I, Self-Paced Training, NCS Cryptologic Training System Course Catalog.

4-61. Selection of students

To identify students, commanders should consider unit mission, training plan, and the relevance of the courses. Commanders must ensure the student meets all student qualifications with special emphasis on prerequisite courses.

4-62. Registration

Soldiers with military intelligence MOS and soldiers in military intelligence units with support MOS can register for courses. Section I, Self-Paced Training in the catalog contains registration procedures.

4-63. Completion notice

The NCS registrar will issue course completion documentation upon completion of courses.

4-64. Mailing address and phone numbers for NCS Registrar

9800 Savage Road, Suite 6801, Fort Meade, MD 20755-6000, (410) 859-6226

Section VII United Nations Institute for Training and Research

4-65. Introduction and eligibility

Correspondence courses from the United Nations Institute for Training and Research Programme of Correspondence Instruction in Peacekeeping Operations (UNITAR POCI) prepare students of all nations to serve on UN humanitarian and peacekeeping missions. All study materials are provided. All U.S. personnel are eligible. Concurrent enrollment in multiple courses is permitted.

4-66. Earning a Certificate-of-Training in UN Peace Support Operations, ACCP credits, College Credits, and individual course certificates-of-completion.

All UNITAR POCI courses count towards earning the comprehensive Certificate-of-Training in UN Peace Support Operations. Additionally, Students will receive Army Correspondence Course Program (ACCP) credits for completing each course as indicated. Certificates of completion for each course will be awarded by UNITAR POCI. See the catalog of the American Council on Education (ACE) for information about college credits for UNITAR POCI courses.

4-67. Web site

For updated information visit UNITAR POCI's Web site at www.unitarpoci.org.

4-68. How to enroll

Enrollment may be made on-line at www.unitarpoci.org or by phone (757.253.6933) or fax (757.253.6954). or send a letter requesting enrollment to UNITAR POCI, Box 20475, Dag Hammarskjold Centre, New York, NY 10017, USA. Include the course name, student's name and mailing address including country (phone and fax numbers optional). Along with your enrollment application send check or money order, or if paying by credit card (Mastercard, Visa, AmEx), indicate the card number, expiration date, and your signature. Payment may also be made by DD Form 1556 (Request Authorization, Agreement, Certification of Training and Reimbursement). Course enrollment fees are shown separately, but US personnel may enroll in all 16 courses for \$1200.

4-69. Language

All courses are available in English. Some are also available in French, German, Italian, Spanish, or Swahili. Students wishing to practice a language while studying the material are encouraged to enroll in English and request a non-English version be added for an additional fee of \$20.

Table 4-4
UNITAR POCI courses

Title: Commanding UN Peacekeeping Operations: Methods and Procedures for Peacekeeping on the Ground (in English or French)

Tuition: \$95.

ACCP credits: 18.

Course author: Captain Jean-Michel Faure, Army of France.

Course description: This course prepares commissioned officers and NCOs to lead forces on a UN peacekeeping operation. Students will learn the military background to UN peacekeeping, organization of command, rules of engagement, principles of action, and the use and non-use of deadly force; how UN Forces establish and conduct observation posts, patrols, convoys and escorts, and humanitarian operations, and operate in an area of mines and booby traps; support of diplomatic initiatives, prisoner exchanges, behavior toward the civilian population, the parties in conflict, humanitarian agencies, and the media. Twelve lessons, 170 pages.

Title: The Conduct of Humanitarian Relief Operations (in English or French)

Tuition: \$115.

ACCP credits: Pends review

Course author: Mr. Yvan Conoir, CARE.

Course description: Students gain a solid foundation in how humanitarian relief is provided to refugees and victims of war. Topics include principles of intervention, assisting at-risk populations including women and children, international humanitarian law, food distribution, water, shelter, security, health care, code of conduct for humanitarian relief. Eleven lessons, 210 pages. Students gain a solid foundation in how humanitarian relief is provided to refugees and victims of war. Topics include principles of intervention, assisting at-risk populations including women and children, international humanitarian law, food distribution, water, shelter, security, health care, code of conduct for humanitarian relief. Eleven lessons, 210 pages.

Title: Security Measures for Peacekeepers

Tuition: \$125

ACCP credits: Pends review

Course author: Dr. Paul Medhurst, Deputy Chief of Security, UN Office Vienna.

Course description: This course prepares personnel to deal with the security problems that are inevitably encountered on any peacekeeping mission. Topics include security, intelligence, checkpoints, observation posts, weapons and defenses, vehicles and aircraft, evacuation, hostage taking, blackmail.

Title: An Introduction to UN Peacekeeping: Orientation for Serving on a Mission

Tuition: \$95

ACCP credits: Pends review

Course author: LCOL Christian Harleman, Army of Sweden, Retired.

Course description: Students gain a solid foundation in international peacekeeping. Topics include task and task analysis, maintaining peace and security, development and related humanitarian actions, principles and duties, safety and security, institutional partners in peacekeeping. Nine lessons, 190 pages.

Title: History of UN Peacekeeping Operations during the Cold War, 1945 to 1987 (in English)

Tuition: \$125. (This history course may be ordered along with the History 1988-1997 course for a combined enrollment fee of \$200.)

ACCP credits: 28.

Course author: Mr. F.T. Liu, Senior Advisor to the International Peace Academy; former UN Assistant Secretary General for Special Political Affairs.

Course description: The course explains the origins and evolution of UN military peacekeeping operations in Korea, the Middle East, Cyprus, and Africa: The development of UN Peacekeeping as a means for the peaceful settlement of disputes and how superpower rivalries shaped UN peacekeeping operations and practices. Eleven lessons, 110 pages.

Title: The History of UN Peacekeeping Operations Following the Cold War, 1988-1997

Tuition: \$125. (This history course may be ordered along with the History 1945-1987 course for a combined enrollment fee of \$200.)

ACCP credits: 18.

Course author: Mr. F.T. Liu, former United Nations Assistant Secretary General for Political Affairs

Course description: An analysis and discussion of United Nations military and humanitarian interventions between 1988 and 1997: The Persian Gulf War, Yugoslavia, Somalia, Rwanda, Cambodia, Mozambique, Guatemala, El Salvador, Angola. Lessons learned, success, and failure. Course includes 1996 edition of 'The Blue Helmets.' Eleven lessons, 183 pages.

Title: Logistical Support of the United Nations Peacekeeping Operations (in English or Spanish)

Tuition: \$75. (This course may be ordered along with the course *Operational Logistical Support of Peacekeeping Missions* for a combined enrollment fee of \$150.)

ACCP credits: 12.

Course author: LCOL Charles Grimm, PhD., U.S. Army, Retired. Served as Chief Logistics Officer and Chief of the Force Material Management Center, Sinai, Egypt.

Course description: Provides the student with an understanding of UN logistics procedures supporting interoperability among forces deployed on UN missions. Students learn how to link UN logistics procedures to procedures of their own nations. Four lessons, 101 pages.

Table 4-4
UNITAR POCI courses—Continued

Title: Operational Logistical Support of Peacekeeping Missions. (in English)

Tuition: \$95. (This course may be ordered along with the course *Logistical Support of the UN Peacekeeping Operations* for a combined enrollment fee of \$150.)

ACCP credits: Under review.

Course author: Major Donald Leslie, Armed Forces of Canada.

Course description: Provides the student with an understanding of advanced logistical topics pertaining to UN peacekeeping: UN logistical planning; supply; engineering support; transportation; aviation and air services; maintenance; medical support; communications; postal and courier services. Ten lessons, 190 pages.

Title: Peacekeeping in the Former Yugoslavia from Dayton to Kosovo (in English)

Tuition: \$125.

ACCP credits: 17.

Course author: Mr. Sunil Ram, Canadian Forces, Retired Co-author: Dr. Shreesh Juyal University of Regina, Canada

Course description: The student will learn about the peacekeeping missions in the Former Yugoslavia during the years between the signing of the Dayton Peace Accord in 1995 and the Kosovo Crisis of 1999. Familiarizes the student with the political efforts to bring peace to the Former Yugoslavia: Historical background, IFOR, SFOR, NATO, The Kosovo Crisis, missions completed and ongoing. Nine lessons, 265 pages.

Title: Principles for the Conduct of Peace Support Operations (in English or Italian)

Tuition: \$95.

ACCP credits: 10.

Course author: LCOL Philip R. Wilkinson, Directorate Land Warfare, United Kingdom, and LCOL Richard J. Renaldo, US Army Retired, TRADOC.

Course description: This course provides officers an understanding of recent changes in the principles governing modern Peace Support Operations: Peacekeeping; Peace Enforcement; Peace Making; Peace Building; Preventive Deployment; Consent; Impartiality; Command, Control, and Communications; Planning; Rules of Engagement; and Logistics. Seven lessons, 180 pages.

Title: Demining in the Aftermath of War: Protecting Peacekeepers and the Civilian Population (in English or German)

Tuition: \$95.

ACCP credits: 8.

Course author: Mr. Gerhard Bornman, Stiftung Sankt Barbara, and COL Barry Cox, Royal Army, Retired.

Course description: This course prepares officers and NCOs to protect themselves and the civilian population in mine-infested areas following combat. Topics include: Techniques of Clearance; Humanitarian Issues; Common Types of Landmines and Explosives; Common Signs for Hidden Mines; Expected Injuries and Assisting Civilian Victims; Measures after an Accident; First Aid and Transport of Victims. Twelve lessons, 185 pages.

Title: United Nations Civilian Police: Restoring Civil Order Following Hostilities (in English, Spanish or Swahili)

Tuition: \$85.

ACCP credits: 8.

Course author: COL Larry Forster, Commanding Officer, U.S. Army Peacekeeping Institute, Carlisle, PA; LCOL Christian Harleman, Army of Sweden, Retired.

Course description: Prepares military police, other military personnel, and civilian police to serve on a peacekeeping mission in the capacity of police. After hostilities have stopped, but before an indigenous police force and democratic society have been formed, there is a need for law enforcement personnel to maintain order and nurture self-governance and self-rule of the population. This course will acquaint students with the special set of principles and skills needed to undertake these operations: Universal Principles; Tactical Considerations; Demands on the Civilian Police; Cultural Gaps and Understandings; Impartiality; Negotiation; Mediation; Training the Indigenous Police Force; and Communications. Nine lessons, 190 pages.

Title: United Nations Military Observers: Methods and Techniques for Serving on a UN Observer Mission (in English, Spanish or Swahili)

Tuition: \$85.

ACCP credits: 15.

Course author: LCOL Christian Harleman, Army of Sweden, Retired.

Course description: This course prepares officers and NCOs to serve as Military Observers on United Nations Missions, covering guiding principles of military observer missions and the common concept of operations. Topics include: Universal Principles; Demands on the Military Observer; Social Customs and Etiquette; Operational Issues; Mine/Bomb/Explosive Ordnance (EO) Awareness and Procedures; Negotiation and Mediation; Communications; Security; and Logistics. Nine lessons, 152 pages.

Title: Global Terrorism (in English)

Tuition: \$115.

ACCP credits: 23.

Course author: Author: Paul Medhurst, Ph.D. Deputy Chief of Security, UN Office Vienna Austria

Course description: The soldier will learn the phenomenon of terrorism, definitions of terrorism, essential elements of terrorism, proclaimed justifications, concealed or other motivations, catalysts for terrorism, terrorists and negotiation, profiles, structure and practice of terrorist

Table 4-4
UNITAR POCI courses—Continued

organizations, the terrorist armory and equipment, types of terrorist acts, terrorist tactics, the targets and victims of terrorism, anti-terrorism and counter-terrorism, the future of terrorism. Twelve lessons, 264 pages.

Title: Peacekeeping and International Conflict Resolution (in English)

Tuition: \$125.

ACCP credits: Pending Review.

Course author: Professor Tom Woodhouse and Dr. Tamara Duffey University of Bradford, United Kingdom.

Course description: The soldier will learn a basic understanding of Conflict Resolution and its application to peacekeeping intervention in contemporary international conflicts. Topics include the nature of conflict, key concepts of conflict resolution, contemporary conflict dynamics, conflict mapping, early warning and conflict prevention, peacekeeping and conflict resolution in war zones, peace settlements and post-conflict peace building, gender issues, and the role of culture in conflict resolution. Ten lessons, 230 pages.

Title: International Humanitarian Law and the Law of Armed Conflict (in English, French or Italian)

Tuition: \$125.

ACCP credits: Pending review.

Course author: Mr. Antoine Bouvier, Legal Adviser, International Red Cross

Course description: The student will learn about International Humanitarian Law as it applies to soldiers, humanitarian workers, refugees, displaced persons, and others involved with or affected by armed conflict. Topics include background and definitions, the protection of victims, the rights of prisoners of war, the rules of conduct in hostilities, means of implementation, human rights and International Humanitarian Law, applicability of International Humanitarian Law to peacekeeping and peace enforcement forces, different applications to international and intranational conflicts, terrorism, sovereignty, and role the International Red Cross in International Humanitarian Law. This course deals with some complex legal and military issues and is written at a higher level than some of UNITAR POCI's other courses. Eight lessons, 172 pages.

Section VIII

U.S. Army War College

4-70. Introduction

The prescribing directive for the U.S. Army War College Distance Education Course is AR 351-1, paragraph 3-6c. Department of the Army selection boards meet annually to select officers who have applied for enrollment in the U.S. Army War College Distance Education Course. All communications concerning enrollment in the program should be addressed as follows:

a. Active Army. A board considers all eligible officers and develops a single Order of Merit List (OML) for both Army War College resident and Distance Education Course selection. Resident course attendees will be selected from the top of the OML. Officers not selected for the resident course will then have about 6 weeks to consider applying for Army War College Distance Education Course (AWCDEC) if they have not already done so. Application should be made directly to the Officers Career Management Branch (cutoff date for application will be made from the applicants in accord with single OML sequence).

b. National Guard. Make application in accordance with NGR 351-21 on NGB Form 64 (Application for School Training) and send it through appropriate channels to ARNG Readiness Center, ATTN: NGB-ARO-TI, 111 South George Mason Drive, Arlington, VA 22204-1382 before 7 October each year.

c. USAR. Make application in accordance with AR 351-1 and guidance issued by U.S. Army Reserve Personnel Center (ARPERCEN) in annual memorandum, subject: USAR Professional Development Education (PDE) Courses. Chief, Army Reserve, will issue supplemental information, as required, to accompany the application.

4-71. Selection procedures

A maximum of 400 highly qualified officers may be selected for the course. The course begins on or about 1 July each year. Selection responsibilities rest with the following: Chief, National Guard Bureau; Chief, Army Reserve; The Surgeon General; The Judge Advocate General; Chief of Chaplains; and Commanding General, U.S. Army Military Personnel Center. Officers are notified of selection through channels.

4-72. Course content

The content of the Distance Education Course is described in the next two sections. Changes to the structure of courses and course content are made annually to ensure the material remains current and applicable. All communications concerning the content of the course of instruction should be addressed to the Commandant, U.S. Army War College, ATTN: DDE (AWC-ACS), 122 Forbes Avenue, Carlisle, PA 17013-5243.

4-73. U.S. Army War College Distance Education Course

a. Objective.

(1) Focuses attention on military leadership at high echelons, contemporary management theory and philosophy, ethics and professionalism, human dimension in combat, and on major issues involved in leading and managing the Army. Problems of communication, incentives, assessment and evaluation, and new technology as they impact on people in the Department of Defense are examined. This area of study takes place during the first year of correspondence work and during the Midcourse Resident Phase.

(2) Focuses on the national security policy process and an examination of the domestic and international factors that shape the US policies. The focus is then narrowed to an examination of war ethics and morality in society, followed by an analysis of the elements of power, fundamentals of strategy, and strategic thought. Military strategy in the 20th century is examined through readings of World War I, World War II, Korea, and Vietnam military operations. There is an opportunity to explore the spectrum of conflict, with special attention being devoted to terrorism and the problem of nuclear weapons. The student is required to examine the US national strategy in the various regions of the world and to be able to develop a regional military strategic appraisal for any given region.

(3) Examines the resource allocations through the planning, programming, and budgeting system, the Joint Strategic Planning System, and the Joint Operations Planning System that are used at the highest levels of the armed forces of the United States in order to ensure that those forces can be responsive to threats to worldwide vital interests of the United States. To that end, the student will examine operational concepts using current doctrine and capabilities for employing U.S. and allied forces in a theater of war. There is also the opportunity to examine the nature of the interdependence between strategy, forces, and doctrine. This area of study takes place mainly during the second year of instruction and during the End-of-Course Resident Phase by case studies and exercises and practice in the techniques of ground force operational planning at echelons above corps.

b. Eligibility. Commissioned officers in the rank of lieutenant colonel or colonel and of any component of the Army; have completed at least 15 but not more than 25 years of service as of course starting date (1 July); have completed the U.S. Army Command and General Staff College Resident or Nonresident Course, or equivalent; have a final Top Secret security clearance; and a civilian baccalaureate degree is highly desirable, but is not required. The years of service and military education prerequisites may be waived for deserving officers (AR 351-1).

c. Curriculum. Ten courses; 270 credit hours. The course includes two 2-week resident phases of study and instruction and is organized into three primary areas of study: Command, Leadership, and Management; National Policy, War, and Strategy; and Military Planning, Doctrine, and Operations.

d. Courses.

- (1) Courses 1 and 5 focus on command, leadership, and management.
- (2) Courses 2, 3, 4, and 10 focus on national policy, war, and strategy, .
- (3) Courses 6, 7, 8, and 9 focus on military planning, doctrine and operations.

4-74. Defense Strategy Course

a. Purpose. The Defense Strategy Course is a 5-month correspondence course designed to examine the spectrum of issues that may influence national security strategy, and the use of military force. It provides selected U.S. Army Active and Reserve Component officers an innovative course of study concentrating on fundamental concepts and contemporary issues affecting the development and character of national security strategy. The course increases student appreciation and understanding of how primarily nonmilitary forces influence the key players and decision process at the national level. Upon completion of this course, graduates will have a broader perspective for analyzing and explaining the military's role in national security.

b. Eligibility. Fifty Active and fifty Reserve Component field grade officers can be accepted for each course. Officers enrolling must have completed CGSC or equivalent schooling and must not have attained, or been selected to attend school awarding, Military Education Level-1.

c. Curriculum. The Defense Strategy Course curriculum consists of three subcourses. These subcourses provide an overview of the development and execution of national security strategy by examining the historical and theoretical fundamentals of strategy, reviewing how the United States develops its national security strategy and developing an awareness of the impact of domestic, regional and international events on the execution of that strategy. The course will require three written assignments and approximately 6 hours of reading per week. Upon completion of the course, graduates will be awarded a certificate for the course by the U.S. Army War College. Reserve officers can earn up to 105 credit hours.

4-75. Strategic Leader Refresher Course (SLRC)

a. Purpose. The SLRC refreshes students with the broad spectrum of strategic thought and development relative to national security and military strategy. Though not inclusive of all aspects of strategy, it provides the basis for stimulating more advanced thought and subsequent research. The course is administered almost exclusively on the Internet and by e-mail.

b. Eligibility. Students must carry credit as a War College or equivalent (MEL-1) graduate for at least 3 years.

c. Curriculum. The course reviews the theoretical fundamentals of strategic thought, the United States national security decision-making process, and current strategies and critiques. Students must demonstrate an understanding of the integrated U.S. National Security and Military Strategies through rigorous thought and analysis. Upon completion students receive a certificate for the course from the U.S. Army War College and may have their Officer Record Brief annotated.

d. Course structure. The course has three component parts: required readings, elective study, and submission of a 1500–1750 word analytical essay.

Section IX

U.S. Army Warrant Officer Career Center

4–76. Warrant Officer Advanced Course prerequisites

a. Objective. The Warrant Officer Advanced Course (WOAC) Prerequisite Studies Phase is the nonresident training phase of level three of the five-level Warrant Officer Education System. The course is designed to present the newly promoted CW2 the common leader development tools necessary to function within their operational environment. Also, the course is the foundation to the follow-on branch resident phase of the WOAC.

b. Eligibility. This is a mandatory nonresident course that must be completed prior to attending resident WOAC training. Effective 1 October 1998, the *Action Officer Development Course (ST7000)* was adopted as the resource for this distance learning course. It can be completed online via the Internet, and provides warrant officers serving in CW2 or higher duty positions relevant training in topics such as management techniques, communication skills, preparing and staffing documents, meetings and interviews, problem solving, writing, coordinating, briefings, and ethics. In keeping with the Warrant Officer Education System model, enrollment must occur *after* promotion to CW2 in order to qualify for WOAC Prerequisite Studies credit. The course must be completed within one year of enrollment, however, CW2s now have the flexibility to enroll at any convenient time between 24 and 48 months of total warrant officer service.

c. Curriculum. ST 7000 (131 F41) Action Officer Development Course (AODC). Eleven lessons and five appendices, 21 credit hours. Lessons cover management techniques and communication skills including preparing documents for staffing, meetings and interviews, problem solving, writing, coordinating, briefings, and ethics. Appendices are job aids for preparing documents, managing time, and creating ideas.

d. Administration. The WOAC Prerequisite Studies Phase/AODC is available as an interactive online version only. Enroll in the course through AIPD's Web site at <http://www.atsc.army.mil/accp/aipd.htm>.

Appendix A

References

Section I

Required Publications

This section contains no entries.

Section II

Related Publications

AR 140-1

Mission, Organization, and Training

AR 140-185

Training and Retirement Point Credits and Unit Level Strength Accounting Records

AR 351-1

Individual Military Education and Training

AR 600-8-19

Enlisted Promotions and Reductions

Pam 611-21

Military Occupational Classification and Structure

DA Pam 351-4

U.S. Army Formal Schools Catalog

DA Pam 600-11

Warrant Officer Professional Development

Section III

Prescribed Forms

DA Form 145

Army Correspondence Course Enrollment Application. (Prescribed in para 2-51.)

Section IV

Referenced Forms

This section contains no entries.

Glossary

Section I Abbreviations

AAA

antiaircraft artillery

AC

Active Component, alternating current

ACCP

Army Correspondence Course Program

ADA

Air Defense Artillery

ADP

automatic data processing

ADPS

automated data processing system

AFRTS

Armed Forces Radio and Television Service

AG

Adjutant General

AGR

Active Guard Reserve

AIF

Army Industrial Fund

AIT

advanced individual training

AM

amplitude modulation

ANCOC

Advanced Noncommissioned Officer Course

AOC

area of concentration

APC

armored personnel carrier

APRT

Army physical readiness test

APU

auxiliary power unit

ARNG

Army National Guard

ARPERCEN

Army Reserve Personnel Center

ARV
armored recovery vehicle

ASF
Army Stock Fund

ASI
additional skill identifier

ASL
authorized stockage list

ATRRS
Army Training Requirements and Resources System

ATSC
Army Training Support Center

BDFFA
basic daily food allowance

BFV
Bradley Fighting Vehicle

BNCOC
Basic Noncommissioned Officer Course

CA
civil affairs

CBTMS
Chaplain Branch Training Management System

CEV
combat engineer vehicle

CGSC
Command and General Staff College

CGSOC
Command and General Staff Officer Course

CI
counterintelligence, civilian internee

CID
Criminal Investigation Division

CL
clerical (aptitude area)

CMF
career management field

COMSEC
communications security

CONUSA
numbered armies in the continental United States

COSCOM

corps support command

CPL

corporal

CPT

captain

CSS

combat service support

CWS

commander's weapon station

CTA

common table of allowances

CW2

Chief Warrant Officer, W-2

DA

Department of the Army

DC

direct current

DDN

Defense Data Network

DF

direction finding

DFR

dropped from rolls

DL

defense language

DLPT

Defense Language Proficiency Test

DOD

Department of Defense

DS

direct support/defense security

DSN

Defense Switching Network

EAC

echelons above corps

ECCM

electronic counter-counter measures

ECI

U.S. Air Force Extension Course Institute

ECS

engagement control station

EOD

explosive ordnance disposal

EPW

enemy prisoner of war

EW

electronic warfare

EYE

enrollment year ending (date)

FAAR

forward area alerting radar

FARP

forward area rearm/refuel point

FC

Finance Corps

FIST

fire support team

FISTV

fire support team vehicle

FM

frequency modulation

FORSCOM

U.S. Army Forces Command

FOUO

for official use only

FSE

fire support element

FTCA

Federal Tort Claims Act

FY

fiscal year

G2

Assistant Chief of Staff, (Intelligence)

G3

Assistant Chief of Staff, (Operations and Plans)

GED

general equivalency diploma

GEOREF

World Geographic Reference System

GM

general maintenance (aptitude area)

GS

general support, general schedule

GSR

ground surveillance radar

GT

general technical (aptitude area)

HFE

human factors engineering

HHC

headquarters and headquarters company

HQDA

Headquarters, Department of the Army

ICWAR

improved Hawk continuous wave acquisition radar

IDT

inactive duty for training

IET

initial entry training

IFF

identification, friend or foe (radar)

IR

infrared

IRR

Individual Ready Reserve

JAAT

joint air attack team

JAGC

Judge Advocate General's Corps

JINTACCS

Joint Interoperability of Tactical Command and Control Systems

JUMPS

Joint Uniform Military Pay System

LDM

Logistics Data Management

LTC

lieutenant colonel

MAAG

Military Assistance Advisory Group

MAJ

major

MANPAD

man-portable air defense

MARKS

Modern Army Recordkeeping System

MEDCEN

Medical Center

MEDDAC

Medical Department Activity

MI

Military Intelligence

MILSTRIP

Military Standard Requisitioning and Issue Procedures

MMC

Materiel Management Center

MOPP

mission-oriented protection posture

MOS

military occupational specialty

MOUT

military operations on urbanized terrain

MP

military police

MPI

Military Police Investigator

MPV

military pay voucher

MSC

Medical Service Corps

MSG

master sergeant

MTOE

modification table of organization and equipment

NAF

nonappropriated fund(s)

NATO

North Atlantic Treaty Organization

NBC

nuclear, biological, chemical

NBCE

nuclear, biological, and chemical element

NCO

noncommissioned officer

NCOERS

Noncommissioned Officer Evaluation Reporting System

NCOIC

noncommissioned officer in charge

NGB

National Guard Bureau

NGR

National Guard Reserve

OAC

officer advanced course

OB

order of battle

OBC

officer basic course

OCS

Officer Candidate School

OER

officer evaluation report

OMA

Operation and Maintenance, Army

OMAR

Operations and Maintenance, Army Reserve

OPCON

operation control

OPORD

operation order

OPSEC

operations security

ORF

operational readiness float

ORSA

operations research systems analyst

PBAC

Program Budget Advisory Committee

PCIP

Productivity Capital Investment Programs

PFC

private first class

PI

photo interpretation (kit)

PMOS

primary MOS

POI

program of instruction

POL

petroleum, oils, and lubricants

PPBES

Planning, Programming, Budgeting, and Execution System

PPI

plan position indicator

PSC

Personnel Service Center

PSI

pounds per square inch

PSYOP

psychological operations

PVT

private

QM

quartermaster

RC

Reserve Components

RCLR

recoilless rifle

REFRAD

release from active duty

REMBASS

Remotely Monitored Battlefield Sensor System

RF

radio frequency, Reserve Forces

RFIS

Reserve Forces Intelligence School

RO

requisitioning objective

ROTC

Reserve Officers' Training Corps

RSOP

reconnaissance, selection, and occupation of position

S2

Intelligence Officer

S3

Operations and Training Officer

SAAS

Standard Army Ammunition System

SAILS

Standard Army Intermediate Level Supply Subsystem

SATCOM

satellite communications

SF

Special Forces

SFC

sergeant first class

SGT

sergeant

SGM

sergeant major

SGT

sergeant

SHORAD

short-range air defense

SIDPERS

Standard Installation/Division Personnel System

SIGINT

signals intelligence

SLAR

side-looking airborne radar

SOP

standing operating procedure

SOI

signal operation instructions

SP

self-propelled/specialist

SQI

special qualification identifiers

SSB

single side band

SSG
staff sergeant

SSI
special skill identifier

SSN
social security number

ST
skilled technical (aptitude area)

STANFINS
Standard Financial System

STRIPES
Standard Training Requirements Identification Program and Enrollment System

TAACOM
Theater Army Area Command

TAADS
The Army Authorization Documents System

TAMIS
Training Ammunition Management Information System

TASC
training and audiovisual support center

TCO
test control officer

TDA
table of distribution and allowances

TIIF
tactical imagery interpretation facility

TISA
Troop Issue Subsistence Activity

TISO
troop issue subsistence officer

TEC
Training Extension Course

TMDE
test, measurement, and diagnostic equipment

TOE
table of organization and equipment

TOW
tube-launched, optically tracked, wire-guided

TRADOC
U.S. Army Training and Doctrine Command

UCMJ

Uniform Code of Military Justice

USAARMC

U.S. Army Armor Center

USACIDC

U.S. Army Criminal Investigation Command

USAR

United States Army Reserve

USARF

United States Army Reserve Forces

USMA

U.S. Military Academy

UTM

universal transverse mercator

WO

warrant officer

WOAC

Warrant Officer Advanced Course

XO

executive officer

Section II**Terms**

This section contains no entries.

Section III**Special Abbreviations and Terms****AAR**

after-action review

ACE

American Council on Education

ADT

active duty for training

AES

azimuth/elevation subsystem

AFES

Automatic Fire Extinguisher System

AFFS

Army Field Feeding System

AFH

Army Family Housing

AHS

auxiliary hydraulic subsystem

AIPD

Army Institute for Professional Development

AMG

antenna mast group

AMSS

Army Material Status System

APFT

Army Physical Fitness Test

ASPP

Acquisition Systems Protection Program

ATP

Aviation Training Program

BCC

battlefield circulation control

BDAR

battle damage assessment and repair

BMOC

Battalion Motor Officer Course

CEB

clothing exchange and bath

CHEMWARN

chemical warning

CRG

communications relay group

CSAR

combat search and rescue

CUCV

commercial utility cargo vehicle

DAO

division ammunition office

DAP

distant aiming point

DAPP

DA Productivity Improvement Program

DODSASP

DOD Small Arms Serialization Program

DL

distance learning

ENG

electronic news gathering

EPU

electric power unit

FSSP

fuel system supply point

GEO

geographic

GMC

guided missile canister

GMLR

guided missile and large rocket

GPS

gunner's primary sight

G/VLLD

Ground/Vehicular Laser Locator Designator

HEMTT

heavy expanded mobility tactical truck

HMMWV

high mobility multipurpose wheeled vehicle

HSS

helmet sight subsystem

HTML

hypertext markup language

ICC

information and coordination central

IEW

intelligence and electronic warfare

IFCU

interface control unit

IGSU

intermediate general support unit

IMINT

imagery intelligence

IMWRF

Installation Morale Welfare and Recreation Fund

IOAC

Infantry or Armor Advanced Course

IPB

intelligence preparation of the battlefield

IRT

installation response team

ISCP

Installation Spill Contingency Plan

JDC

JUMPS Data Collection

JSS

Joint Service software

KCLFF

kitchen company level field feeding

LLM

launcher loader module

LPU

limited procurement urgent

LRSU

long-range surveillance unit

LS

list selection

MBC

Mortar Ballistic Computer

METAR

meteorological terminal aviation report

METL

mission essential task list

MIOBC

MI Officer Basic Course

MIOAC

MI Officer Advanced Course

MIOTC

Military Intelligence Officer Transition Course

MLRS

Multiple Launch Rocket System

MMPA

Master Military Pay Account

MSA

magazine storage area

NG Reg

National Guard regulation

NOTAMS

Notice to Airmen

SBP

survivor benefits plan

PDF

portable document format

PMCS

preventive maintenance checks and services

PMO

provost marshals operations

PSP

Personnel Security Program

RAS

regimental aviation squadron

RS

reservations by student/radar set

RT

correspondence/subcourse by student

SAMREP

surface-to-air missile status report

SAR

synthetic aperture radar

SAVARS

Standard Army Validation and Reconciliation

SBP

survivor benefits plan

SITMAP

situation map

SOJT

supervised on-the-job training

SPCCP

Spill Prevention Control and Countermeasure Plan

SRP

soldier readiness processing

SSL

single station location

STARFIARS

Standard Army Financial Inventory Accounting and Reporting System

STE

simplified test equipment

TADSS

training aids, devices, simulators, and simulation

TASS

Total Army School System

TATS

Total Army Training System

TECHINT

technical intelligence

TFTS

TOW field test set

TML

TOW missile launcher

TSS

TOW subsystem

TUFMIS

Tactical Unit Financial Management Information System

UAV

unmanned aerial vehicle

ULLS

Unit Level Logistics System

UMR

unit manning report

UMT

unit ministry team

USR

unit status report

UTS

universal turret system

V/TPC

vehicle/turret power control

VTT

video teletraining

WOBC

Warrant Officer Basic Course

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