

University of Rhode Island Research Foundation – Final Technical Report/Final Performance Report

Cage code 6SQR3

Award # N00014-20-1-2638

Award Dates -6/1/20 -7/31/22

Grant Total - \$249,000.00

Task One: Ramp-up CNC training for the manufacturing workforce.

Fast Track to CNC Manufacturing (FTM)

The Fast Track to CNC Manufacturing is a full-time, 16-week program that introduced the fundamentals of manufacturing, Solid Works (Engineering Graphics), safety, precision measurement and blueprint reading. You will also receive your OSHA-10 Certificate, 13 college credits, access to CCRI's job interview training and resume building, and on-going job placement assistance with Polaris MEP. The objectives are to train underserved Rhode Islanders and place them in demand, high growth career pathways in advanced manufacturing.

Task 1 - CCRI CNC Fast Track Training Cohort #1: 8 Individuals began a 16 week training program at CCRI on 6/7/21

- Training completed September 30th
- Placement Detail
 - Hayley Bourgault – Placement Eaton Aerospace – Mechanical Assembly \$19/hr
 - Donald Larson – Placement East Bay Manufacturing – CNC Machinist \$21/hr
 - Reed Ruddick – Placement USA CET - CNC Programmer \$21/hr
 - Claudia Hernandez – Placement Mahr Inc. – CNC Programmer \$22/hr
 - Joseph Shea – Placement Colonial Machine – Machine Ops. Associate \$18/hr
 - Randy Hilario – Non responsive – not seeking placement
 - Brian Furtado – Placement Seaside Casual – CNC Operator 1 \$16/hr
 - Diego Garces – Placement Northwest Woolen Mills – Production manager \$80,000/yr

o CCRI CNC Fast Track Training Cohort #2: 7 Individuals began a 16 week training program at CCRI on 6/7/21

- Training completed October 1st
- Placement Detail
 - Storm Gordin – Placement Nordson Corp.
 - Kris Savary – Placement Swissline Precision
 - Abraham Ogunleye – Placement Cadence Science - CNC Tech 1. \$22/hr
 - John Houser – Placement American Tool Co. – CNC Machinist \$17/hr
 - Dara Hoy – Placement Eaton Aerospace – Mechanical Assembly/CNC Operator \$21.66/hr
 - Bernie Belcher – Seaside Casual- CNC Operator \$17/hr

- Thomas Crowley – Placement Guill Tool & Engineering - CNC Lathe Mill/Turn Machinist \$19/hr

Task Two: Build Team Capacity to support and scale COVID-19 efforts.

401 Tech Bridge Partnership Manager Linda Larsen executed ScaleUP program to support startup companies' commercialization activities. Participating companies were all looking to pivot as result of market and labor force changes induced by COVID pandemic. Programming components included Bootcamps, 1:1 Consulting, Business mentoring, and 6 Workshops which supported company growth and encouraged company collaboration. The 11 participating companies were Cellorama, Clear Carbon & Components, Concordia Manufacturing, Empire Group, IMMAD, JADE Manufacturing, Juice Robotics, Kestrel Innovative Fibers, Nautilus Defense, PowerHouse, and ROAM Loud. Case studies are planned to communicate successful outcomes.

REPORT DOCUMENTATION PAGE

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14. ABSTRACT Fast Track to CNC Manufacturing (FTM) The Fast Track to CNC Manufacturing is a full-time, 16-week program that introduced the fundamentals of manufacturing, Solid Works (Engineering Graphics), safety, precision measurement and blueprint reading. You will also receive your OSHA-10 Certificate, 13 college credits, access to CCRI's job interview training and resume building, and on-going job placement assistance with Polaris MEP. The objectives are to train underserved Rhode Islanders and place them in demand, high growth career pathways in advanced manufacturing. 401 Tech Bridge Partnership Manager Linda Larsen executed ScaleUP program to support startup companies' commercialization activities. Participating companies were all looking to pivot as result of market and labor force changes induced by COVID pandemic. Participating companies included Ductworks, 1st Consulting, Businessmastering, and CWorkshop, which supported					
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