



## Training Details

Center for Manufacturing (CAM), Mass Hire and Bristol Community College Business Solutions and Partnerships are teaming up to provide a 150-hour hands on skills focused CNC/Advanced Manufacturing Training to those who qualify.

## Training dates:

- **March 6 & 8, 2023**  
4:00pm to 8:00pm
- **March 13-17, 2023**  
9:00am to 3:00pm
- **March 20 & 22, 2023**  
4:00pm to 8:00pm
- **March 27 & 29, 2023**  
4:00pm to 8:00pm
- **April 3 & 5, 2023**  
4:00pm to 8:00pm
- **April 10 & 12, 2023**  
4:00pm to 8:00pm
- **April 19, 2023**  
4:00pm to 8:00pm
- **April 24 & 26**  
4:00pm to 8:00pm
- **May 1 & 3**  
4:00pm to 8:00pm
- **May 8 & 10**  
4:00pm to 8:00pm
- **May 15 & 17**  
4:00pm to 8:00pm
- **May 22 & 24**  
4:00pm to 8:00pm

## TRAINING DESCRIPTION

This 12-week hybrid CNC/Advanced Manufacturing Training prepares students for a high-demand, entry-level position as a CNC machine operator or general machinist. CNC operators work in a variety of manufacturing environments and are trained to program, set-up, and operate a computer numerical control (CNC) machine, inspect parts, perform production runs and set-up jobs.

Students learning outcomes and competencies, including being able to:

- Describe CNC machining uses and applications
- Understand commands for CNC machine codes
- Demonstrate and describe the machine set up process, manual operations and tooling
- Describe and select tooling for CNC operations
- Describe and select mill and lathe programming, operation and turning and milling processes
- Demonstrate precision measurement and gauging
- Read and interpret a Blueprint
- Understand 3-D printers and basic concepts of Computer Aided Design (CAD)
- Produce freehand sketches of a variety of shapes and objects
- Visualize three-dimensional shapes and objects and represent them with two-dimensional projections

Through this training, students will gain a firm understanding of the basics required to become proficient with this sophisticated and popular form of manufacturing equipment. Student will also leave with a basic understanding and fundamental skills in Computer Aided Design (CAD).

## COURSE REQUIREMENTS

Bristol Community College requires students and staff to be fully vaccinated for Covid-19. This training is a no-cost training but with a firm commitment for attendance and completion. Serious inquires only and all potential students must meet with a Mass Hire Career Center representative. Students will need access to a computer, internet access and reliable transportation to and from Bristol Fall River Campus located at 777 Elsbree Street in Fall River, Building B.

## CONTACT INFORMATION:

**DEBORAH MEGGISON**  
**DIRECTOR OF OPERATIONS**  
**508.979.1504**

[DEBORAH@MASSHIREGREATERNEWBEDFORD.COM](mailto:DEBORAH@MASSHIREGREATERNEWBEDFORD.COM)

