

# PRECISION MACHINE TECHNOLOGY

## MANUFACTURING/ENGINEERING

10 MONTH ACCELERATED PROGRAM | FOR ADULTS  
MON-FRI / 4:30PM-9:30PM / JACKSON, NJ

The program is designed to meet the current and emerging workforce needs in the advanced manufacturing industry. Students in the program will explore the production of metal and plastic products through manual and automated processes. Completers of this program will acquire a diverse and well-rounded set of academic and technical skills that will prepare them to enter the workforce and/or college. Students interested in pursuing a degree in engineering or a career in manufacturing will have the opportunity to gain an understanding of the capabilities and limitations of production machinery. This knowledge is valuable to aspiring engineers, manufacturing technologists, technicians, or managers as they will possess a well-rounded understanding of the production process, allowing them to problem-solve and troubleshoot design challenges before they hit the production floor.



### Related Job Titles

CNC Operator	Production Technician
Machinist	CNC Programmer
Metal Fabricator	Team Assembler
Welder	



### Career Ladder

CNC operators with several years of experience may advance to supervisory positions. They may also become programmers of CNC machining tools. All trade areas can continue their education to become:

- Manufacturing Engineer
- Industrial Engineer
- Mechanical Engineer
- Technical Sales
- Inspector



### Skills You Will Learn

- Blueprint/Product Specification
- Reading and Interpretation
- Materials Selection/Metallurgy
- Quality Control/Precision Measurement
- CNC Programming
- CNC Machining
- Mill/Lathe Operations
- Automation
- Manual Machining
- Digital Readout (DR)
- MIG and TIG Welding
- Product Design Production
- 3D CAD/CAM Design
- OSHA-10 Certification
- HAAS Mill Operator Certification
- Autodesk Fusion 360 CAD/CAM



### Certificates

OCVTS Certificate of Completion



### Continuing Education

New Jersey Institute of Technology  
Drexel University  
Rutgers University

Rowan University  
Ocean County College  
TCNJ

LEARN MORE ABOUT THIS PROGRAM  
**CONTACT US!**

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