

Careers in Trades and Apprenticeships

Basic Machine Certificate Program

The Basic Machine Certificate Program is designed to train individuals for entry-level employment in the machine and manufacturing industry and provides a path toward completion of an associate's or bachelor's degree and provides an entry into other fields of manufacturing and engineering technology.

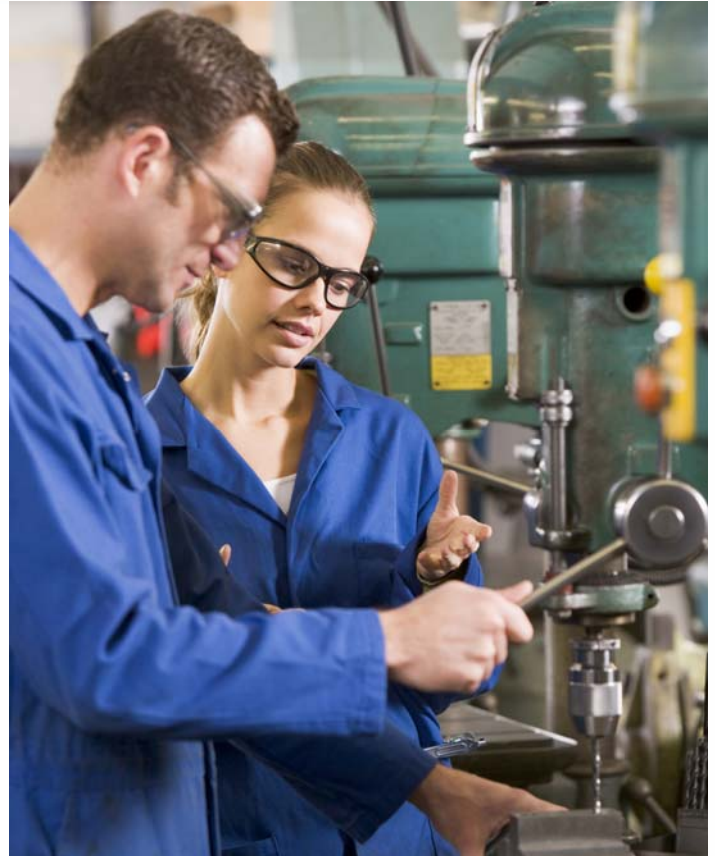
Students have the opportunity to work in a project-oriented environment with an emphasis on precision, quality, and development of sound work attitudes and skills. Students in the Basic Machine Certificate Program acquire skills in:

- History of machining tools, machine trade opportunities and general shop safety
- Lathe, Mill and Grinding operations
- Blueprint reading...Practices, problems, specifications and drawings
- Acquaint the student with the mechanical, electrical, optical and thermal properties of materials and methods of testing engineering material
- CNC production techniques to write accurate coded programs and Conversational Format Programs

The program accommodates the schedules of working individuals by providing classes locally. Save travel time and expense by taking CCAC coursework in the area while gaining access to the courses offered at the Pittsburgh Campus!

Certificate Requirements

Course		Credits
MFT-141	Introduction to Machining	3
MFT-143	Intro to Lathe Operations	3
MFT-145	Intro to Mill Operations	3
EDD-100	Blueprint Reading	3
MET-112	Engineering Materials	3
MFT-110	Job Search Strategies/Mft Indust	1
MFT-147	Intro Grinding Operations	3
MFT-149	Intro Computer Numeric Control	3



For more information on the Basic Machine Certificate Program or to pre-register for the program, call the Keystone Community Education Council at (814) 678-5069.

Class size is limited. Call to reserve your seat today for this exciting program.

The Basic Machine Certificate Program is being offered through a partnership with Keystone Community Education Council, Community College of Allegheny County and the Venango Technology Center

