

Community College of Allegheny County

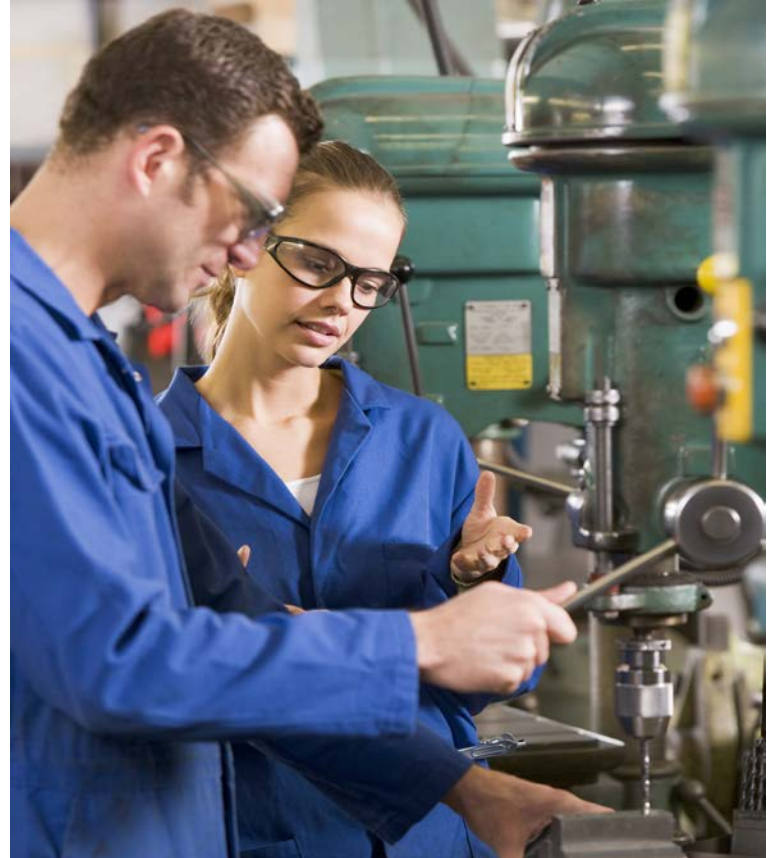
Careers in Trades and Apprenticeships

Machine Technician Certificate Program

The Machine Technician 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 Machine Technician 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



Certificate Requirements 1st Semester

Course	Credits
MET-112 Engineering Materials	4
MFT-107 Blueprint Reading for Machinists	3
MFT-141 Introduction to Machining	3
MFT-143 Intro to Lathe Operations	3
Total Credits	13

Certificate Requirements 2nd Semester

Course	Credits
MFT-145 Intro to Mill Operations	3
MFT-110 Job Search Strategies/Mft Industry	1
MFT-147 Intro Grinding Operations	3
MFT-149 Fund. Computer Control Machining	3
Total Credits	10
Total Certificate Credits	23

Eligible for PELL and PHEAA Funding

For more information on the Machine Technician Certificate Program or to pre-register for the program, call the Keystone Community Education Council at (814) 677-4427

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

The Machine Technician Certificate Program is being offered through a partnership with Keystone Community Education Council, Community College of Allegheny County, local Career and Technology Center, and the Appalachian Regional Commission.



KEYSTONE COMMUNITY
EDUCATION COUNCIL
Serving Clarion, Crawford, and Venango Counties
and Surrounding Areas.

CCAC
Community College of Allegheny County



We're More than You Know

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