

ADVANCED MANUFACTURING TECHNOLOGY

Course Description

Machine Tool Technology is a high paying field that requires both technical knowledge and hands-on training. Students will learn to design and create metal objects that are useful in everyday life. Students will read blueprints, cut, shape and finish metal products on state-of-the-art manual and computer controlled machines. This program is accredited by NIMS (National Institute for Metalworking Skills). The program is offered during the day and in the evening.

300 hour training program

Tuition: \$2,700

Days: Tuesday & Thursday

Hours: 5:00PM-9:00PM

Start Date: September 2018

900 hour training program

Tuition: \$6,435

Days: Monday–Friday

Hours; 7:30AM–1:00PM

Fall Start Date: August 2018



Call and enroll today!
412-373-8100 ext. 253

FORBES ROAD CAREER AND TECHNOLOGY CENTER

607 Beatty Road
Monroeville, PA 15146
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MACHINING COURSES



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CNC MACHINING

Course Description

This 20-hour course provides basic understanding of the Computer Numerically Controlled (CNC) process. Emphasis is on programming and operating equipment. This course includes programming by procedures including milling codes and an introduction to the vertical milling machine.



20-hour, 5-week course

Registration Fee: \$350

Days: Mondays & Wednesdays

Hours: 5:00PM-9:00PM

Start Date: TBA

CNC MILL PROGRAMMING INTRO COURSE

Course Description

The 35-hour CNC programming course will provide instruction on safe operation, G code and program formats used in CNC programming. Students will learn all of the various functions of the HAAS and Fadal control units, and write and run CNC programs. The second part of the course will concentrate on advanced CNC programming including set-up, operation, maintenance of CNC milling centers, and applications of canned cycle operations. Students are prepared to take the National Institute of Metalworking Skills (NIMS) Level I certification in CNC Mill Operation after completing the course.

35-hour, 5-week course

Registration Fee: \$600

Days: Mondays & Wednesdays

Hours: 5:30PM-9:00 PM

Start Date: TBA

MASTERCAM MILL LEVEL 1

Course Description

This 35-hour, 5-week, course is designed to provide the fundamental skills necessary for creating milling geometry and tool operations. The class will include basic job set-up, machine definition, geometry creation, tool paths, wire frame development, and post processing. Students will develop and transfer programs to a HAAS milling machine.



35-hour, 5-week course

Registration Fee: \$650

Days: Mondays & Wednesdays

Hours: 5:30PM-9:00 PM

Start Date: TBA