



PRECISION MANUFACTURING

— offered by —

ADULT education

@ West-MEC ▶▶

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PRECISION MANUFACTURING

The Precision Manufacturing program is a hands-on training program that teaches the operation of manual and Computer Numerical Control (CNC) machines. This course teaches students how to operate industry-standard machinery used to shape metals for aerospace, energy generation and robotics companies. Students will be taught how to replicate precision parts from blueprints while utilizing precise measurement tools and gauges. CAD/CAM computer applications will be among some of the skills that will be taught.

Precision Manufacturing | 600 hours

Manual | 400 hours

- ▶ Foundation in precision manufacturing principals and basics
- ▶ Industrial safety, blueprint reading, precision measurement and shop math
- ▶ Work with industry standard full size mills, lathes, drill press and grinding machines
- ▶ Make components for engines and other close tolerance applications

Computer Numerical Control (CNC) | 200 hours

- ▶ Machine processes, machining, theory, and application
- ▶ CNC standard machine operation and setup
- ▶ Manual data input of G-Code machine language
- ▶ Statistical process control
- ▶ Manufacturing concepts and offline CAD/CAM computer applications

Campus Details

West-MEC Central Campus
6997 N. Glen Harbor Boulevard
Glendale, AZ 85307

- 📞 623.209.8070
- ✉ adulted@west-mec.edu

Course Details

Monday-Thursday | 6:45PM-9:45PM

Tuition and Fees:

- ▶ Program of Study: \$5,200.00
- ▶ Manual: \$3,510.00
- ▶ CNC: \$1,830.00

How to Register

Visit west-mec.edu/findyourhappy for information on registration.