

# Precision Machining Adult Education

## Overview

*Do you like hands-on projects that allow you to see your design ideas come to life?*

### Precision Machining Course

The Precision Machining Program is a "Design and Build" opportunity that introduces adults to the field of computer controlled machining from beginning to end. Students utilize 2D and 3D CADD software to design virtual models of their solutions to technical challenges. The design is then translated into machine language using Computer Aided Machining (CAM) software.

Students utilize state of the art 3D printers, CNC (computer controlled) milling machines, CNC routers, and laser engraving equipment to produce the items they have designed. Students will develop career skills in Technical Communication including 2 & 3D CADD and CAM Programming, Machine Shop Print Reading, CNC Machine Operation, Machine shop safety, Machine setup, tooling, & operation, Quality inspection and control, the manufacturing processes and automation.

Precision Machining is at the core of the product design, manufacturing and robotics/automation industries. This program prepares ADULTS to pursue careers in a variety of technical fields including CNC Machining, Machine Tooling, Machine Shop Technician, Manufacturing, Automation, Robotics, and Quality Control Inspection.

40 hours of hands-on experience plus 25 hours of theory through online software!

- 3D Printing
- Laser Engraving
- Computer Controlled Machining
- Develop Career Skills

Instructor Stephen Lindridge was named *NYS Technology & Education Association Teacher of the Year, International Technology Engineering, Educators Association Teacher of Excellence Awardee* and presently teaches at Candor High School.

**Register Today!**