



Program Learning Outcomes

<i>College/School</i>	Ozark
<i>Department</i>	Trades and Technical
<i>Program</i>	Machining Concepts (CP)
<i>Link to Program Home</i>	https://catalogdev.atu.edu/catalog/ozark/programs/ics/certprof-machiningconcepts.php

Students completing a certificate of proficiency in Machinist Concepts will be trained in the use of machine tools and Computer Numerically Controlled (CNC) machines. In the Machinist Operations program, students will:

- Read blueprints, sketches, or computer-aided (CAD) designs
- Setup, operate, and disassemble CNC machine tools
- Align, secure, and adjust cutting tools and work pieces
- Monitor the feed and speed of machines

Machining operators work in machine shops, manufacturing, and tool rooms. Employment projects are based on replacing an aging workforce and potential manufacturing growth in the region.

This certificate of proficiency may be applied to the Technical Certificate in Industrial Electronic Technology and the Associate of Applied Science degree in Industrial Control Systems.