

Machine Tool Technology

Contact Info.

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Machine tool technology utilizes industry experienced faculty, and offers the latest in technology. Students will be challenged to fabricate “real world” parts as part of the curriculum. The local community places all interested graduates in competitively paid positions. The curriculum prepares the student for all aspects of the industry from job shops to light manufacturing.

Job Opportunities/Potential Earnings

- | | |
|-----------------|------------|
| • Job shop | \$15-25/hr |
| • Manufacturing | \$13-18/hr |
| • Fieldwork | \$25-50/hr |



Points of Pride

- Industry experienced faculty
- Modern shop
- CNC mill and lathe
- Small class size
- Engaged advisory board
- Individual instruction
- High placement rate
- Jim Quigley - over 40 years in mining and power industries
- Paul Brutsman - 16 years in mechanical design and manufacturing
- Instructors participated with students in successful creation of motor for Pathfinder Rocket

Curriculum: Machine Tool Technology

Major Requirements:

- | | |
|-----------------------------------|-----------------------------------|
| ○ Computer Aided Drafting I | ○ Computer Numerical Control I |
| ○ Machine Trades Computations | ○ Computer Numerical Control II |
| ○ Basic Machining Practice | ○ Computer Assisted Manufacturing |
| ○ Intermediate Machining Practice | ○ General Welding |
| ○ Blue Print Reading | ○ GMAW and GTAW Welding |
| ○ Cooperative Work Experience | ○ Welding Metallurgy |
| ○ Advanced Machining Practice | |