

Manufacturing Certificate

Degree Type

Certificate of Accomplishment

Manufacturing Certificate prepares you with basic industrial skills for entry-level positions. This certificate offers skills for immediate employment while allowing a worker to continue or return to complete a longer certificate or degree for job advancement.

Course ID	Title	Credits
MACH 101	Introduction to Machining	5.0
OCED 130	Industrial Safety	5.0
Total Credits		10

Program Outcomes:

- Shop safety including proper fire extinguishing techniques, MSDS evaluation, Lock-out Tag-out procedures, chemical safety, PPE and accident reporting are embedded.
- Measurement skills using calipers, rules, and micrometers.
- Shop math such as formula calculations.
- Basic interpretation of blueprints or electrical schematics.
- Use of hand tools and saws including benchwork skills and use of vice-mounted hand tools such as hack saw, file, drill, metal cutting and shaping tools. Safely and accurately operate bandsaws.
- Certifications obtained: First aid, CPR, forklift, OSHA-10, Hazmat and flagger certifications.