

PRODUCTION TECHNICIAN CERTIFICATE

9 Semester Credit Hours; Curriculum: 0244

The Production Technician Certificate offers credentials for entry-level manufacturing production workers. The material taught in the program provides the fundamental knowledge and skill sets for anyone seeking a job in the manufacturing industry. Prospective students who earn the certification will enter production market with an understanding of manufacturing technology processes and technical skills required for the position. This certificate can be completed in one semester.

Code	Title	Hours
Courses for a Certificate		
MFG 102	Industrial Drafting and Design	3
MFG 110	Introduction to Machining	3
MFG 111	Introduction to Computer Integrated Manufacturing (CIM)	3
Total Hours		9

Program Learning Outcomes

1. Apply OSHA safety procedures in industrial environment.
2. Explain fundamental principles of print reading.
3. Practice rudimentary drafting and design.
4. Describe basic tooling and materials used in manufacturing.
5. Demonstrate proper use of various precision measuring tools.
6. Name main components of modern automated equipment.
7. Identify potential maintenance problems with basic production systems.