

# PRODUCTION TECHNICIAN CERTIFICATE

---

11 Semester Credit Hours; Curriculum: 0244

Certificate provides fundamental knowledge and skills for entry-level production workers seeking jobs in modern manufacturing. Graduates will have an understanding of manufacturing processes and technical skills required for the position. This certificate can be completed in one semester.

**Recommendation:** Select MFG 110 and MFG 111 for CNC/Manufacturing track or MFG 111 and MFG 112 for Automation/ Mechatronics track.

Code	Title	Hours
<b>Courses for a Certificate</b>		
MFG 101	Occupational Safety	2
MFG 102	Industrial Drafting and Design	3
Select two courses from the following:		6
MFG 110	Introduction to Machining	
MFG 111	Introduction to Computer Integrated Manufacturing (CIM)	
MFG 112	Introduction to Automation	
<b>Total Hours</b>		<b>11</b>

## Program Learning Outcomes

1. Apply OSHA safety procedures in industrial environment.
2. Analyze views and symbols from various technical drawings.
3. Describe common tools and materials used in manufacturing.
4. Demonstrate proper use of modern automated equipment.