

INDUSTRIAL FABRICATOR – OCCUPATIONAL SKILLS CERTIFICATE

Top Code:

0956.30

This curriculum prepares students to seek employment as an entry-level machinist. Emphasis is on entry-level skills: technical drawing, drill press, lathes, vertical milling machine operation, part set-up, basic inspection, and process plan development. Technical mathematics applications for industry.

An Occupational Skills Certificate is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes

- Develop safety protocols for duty areas and machinery equipment.
- Analyze inspection results to update procedures utilizing machinery equipment.
- Develop process plans to achieve high level of accuracy from machinery equipment.

Requirements for the Occupational Skills Certificate

Code	Title	Units
MIT 101	INTRODUCTION TO ROBOTICS	4
MACH 101	BEGINNING METALWORKING SKILLS	3
MACH 102	INTERMEDIATE METALWORKING SKILLS	3
TECH 107A	TECHNICAL CALCULATIONS	3
Total Units		13