

PROGRAM OF STUDY

Manufacturing Maintenance Mechanic Certificate of Achievement

Completion of the Manufacturing Maintenance Mechanic Certificate of Achievement program prepares students for entrance into the manufacturing technology workforce or transfer to a four-year college.

Upon completion of the program, students will be able to:

- Demonstrate shop safety.
- Demonstrate proficiency in electrical wiring and troubleshooting.
- Describe hydraulic system operation.
- Demonstrate basic precision measurement.
- Interpret blueprints and shop drawings.
- Differentiate industrial materials.

Required		Units
MFGT19V	Cooperative Work Experience - Manufacturing Technology	1
MFGT24	Hydraulics	2
MFGT93	Programmable Logic Controllers (PLCs)	2
MFGT95	Motor Control	4
MFGT96	Power Transmission	4
Select one option		Units
Option 1 - 12 units		
MFGT11	Introduction to Manufacturing	12
Option 2 - 15 units		
MFGT51	Manufacturing Essentials	5
MFGT60	Introduction to Welding	5
MFGT80	Introduction to Machine Shop	5
Option 3 - 14 units		
MFGT21	Blueprint Reading	2
MFGT60	Introduction to Welding	5
MFGT80	Introduction to Machine Shop	5
Option 3 must include one of the following courses:		
MFGT22	Industrial Materials	2
MFGT23	Electricity	2

Total Units	25 - 28
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Effective Term: Fall 2018

PID 710