

PROGRAM OF STUDY

Welder Certificate of Achievement

Completion of the Welder 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 basic precision measurement.
- Interpret blueprints and shop drawings.
- Demonstrate welding and cutting operations.
- Produce products to industry standards utilizing welding fabrication processes.
- Identify industrial welding codes.

Required		Units
MFGT19V	Cooperative Work Experience - Manufacturing Technology	1
MFGT52	Manufacturing Fabrication	4
MFGT61	Intermediate Welding	4
MFGT62	Advanced Welding	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 711