

PROGRAM OF STUDY

Machine Tool Technology Associate in Science Degree

Completion of the Machine Tool Technology Associate in Science Degree 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.
- Operate turning and milling machines proficiently.
- Operate computer numerical control machines.
- Demonstrate basic precision measurement.
- Interpret blueprints and shop drawings.
- Differentiate industrial materials.

Required courses

		Units
MFGT19V	Cooperative Work Experience - Manufacturing Technology	1
MFGT81	Intermediate Machine Shop	6
MFGT82	Advanced Machine Shop	6

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

Effective Term: Fall 2018

PID 706