

MACHINE TOOL TECHNOLOGY - BASIC TECHNICAL CERTIFICATE (BTC)

Explore More About This Program: <https://cwi.edu/program/machine-tool-technology>

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge and application of safe work habits in all phases of machine shop operation.
- Demonstrate knowledge and application of basic setup, operation, and maintenance of manual milling machines.
- Demonstrate knowledge and application of basic manual engine lathe set-up techniques and operations.
- Perform and utilize basic setup techniques, tool and hardware selection, and process planning.
- Apply basic interpretation of machine shop specific detail and assembly drawings emphasizing machining operations and materials.
- Work professionally and productively with others through collaboration and teamwork in a shop or lab environment.