

# MTT 140: Basic Computer Numerical Control Turning Programming I

This course covers concepts associated with basic programming of a computer numerical control (CNC) turning center. Topics include basic programming characteristics, motion types, tooling, workholding devices, setup documentation, tool compensations, and formatting. Upon completion, students should be able to write a basic CNC turning program that will be used to produce a part. This course is aligned with NIMS certification standards.

**Credits:** 3

**Lab Hours:** 4

**Theory Hours:** 1

**Program:** Precision Machining