

# MTT 140 : Basic CNC Turning 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, set-up 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

**Theory Credit**

1

**Manipulative Laboratory**

6

**Prerequisites**

MTT 138

**Corequisites**

MTT 243