

# MTT 141: Basic CNC Milling I

This course covers concepts associated with basic programming of a computer numerical control (CNC) milling 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 milling program that will be used to produce a part. This course is aligned with NIMS certification standards.

**Credits:** 3

**Prerequisites:**

MTT 138

**Co-Requisites:**

MTT 241

**Program:** Machine Tool Technology

**Manipulative Laboratory:** 6

**Theory Credit:** 1