

# MTT 219: Computer Numerical Control Graphics: Turning

This course covers techniques involved in writing a program for a multi-axis computerized numeric control (CNC) turning machine using computer assisted manufacturing (CAM) software. In addition, CNC turning machine set-up, programming, and operation are detailed. Upon completion, the student should be able to set-up, program, and operate a 3-axis CNC turning machine to produce a 2-axis part using CAM software. This course is aligned with NIMS certification standards. (Summer Semester Only)

**Credits:** 3

**Prerequisites:**

MTT 140 or Permission of Instructor

**Program:** Machine Tool Technology

**Manipulative Laboratory:** 6

**Theory Credit:** 1