

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 setup, 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 1/2-axis part using CAM software. This course is aligned with NIMS certification standards.

Credits: 3

Lab Hours: 4

Theory Hours: 1

Program: Precision Machining