

# MTTN 101R: CNC I - G&M Code Programming

G&M Code Programming is the study of the alpha-numeric language executed by Computer Numerically Controlled (CNC) machines. The fundamentals studied in this course will include the format of CNC programs, common G-Codes, M-Codes, as well as materials and speeds & feeds. This course will also introduce applicable machine shop related math. The lab is furnished with EMCO CNC turning and milling centers. Students will also use simulation software for the mill and lathe.

**Credits:** 3

**Lab Hours:** 3

**Lecture Hours:** 2

**Program:** [Advanced Machine Tool Technology](#)