MACH 2510 : CNC Lathe Programming

Introduces basic and intermediate concepts associated with M & G code programming (in the Fanuc format) for two axis CNC lathes. Students will learn how to write the codes necessary to create parts on state-of-the-art CNC turning centers, and the basic set-up procedures associated with operating these advanced machine tools. Topics will also include manual programming, advanced canned cycle programming and sub-programming, as well as identification, demonstrations and application of machine shop safety procedures. Students will utilize the advanced CNC laboratory to machine parts from the programs they create. Lecture/laboratory. Prerequisite: MACH 1040. Prerequisite or co-requisite: MECH 1050. Lab fee.

Credits 0.0-3
Semester Offered
Fall