

CNC 224: Multi-Axis Turning Programming and Setup

This course introduces Computer Numerical Control multi-axis programming and setup concepts for turning center applications. Emphasis is placed on the interaction of the menus to develop a shape file in a graphics CAM system and to develop tool geometry and part geometry. Upon completion, students should be able to develop a job plan using CAM software, include machine selection, tool selection, operational sequence, speed, feed and cutting depth.

Credits: 3

Transfer Code: Code C

Lab Hours: 4

Lecture Hours: 1

Prerequisites:

As determined by the college

Program: Computerized Numerical Control

Semester Offered:

Fall

Spring

Summer