

CNC 215: Quality Control and Assurance

This is an advanced course in parts inspection using Geometric Dimensioning and Tolerancing, and familiarization of the Coordinate Measuring Machine. Topics include part set-up, tolerance applications, maximum material and least material conditions, perpendicularity and point of intersection. Upon completion, the student should be able to inspect machined parts demonstrating an understanding of Geometric Dimensioning and Tolerancing and Coordinate Measuring Machines. As needed.

Credits: 3

Transfer Code: Code C

Lab Hours: 2

Lecture Hours: 2

Program: Computerized Numerical Control

Semester Offered:

Fall

Spring

Summer