

QAT - METROLOGY

QAT 109 Introduction to Metrology (0-3-1)

Offered Fall and Summer Semesters

Prerequisite: EGR 130 or EGR 269

Pre- or Co-requisite: EGR 175 (prerequisite preferred)

This course covers the tools and equipment of measurement used in a modern metrology laboratory. Techniques of making measurements, accuracy and precision, calibration and verifying GD&T are stressed. Metrology is used to verify that fabricated parts are going to fit properly at the assembly of machinery or consumer products, especially in mass production environments.

QAT 209 Advanced Metrology & Coordinate Measurement Machines (2-3-3)

Offered Fall and Spring Semesters

Prerequisite: QAT 109

This course is a study of advanced metrology and coordinate measurement machines.