

MANF120L : Machine Tool Math

This focused class develops the skills of students in areas of mathematics relevant to modern manufacturing. An emphasis will be placed on practical applications as found in machining. The topics include usage of fractions and decimals, conversion between units, interpreting and using percentages, usage of tolerances, interpretation and usage of formulas and proportions, and the practical application of geometry and trigonometry in interpreting and using drawings. The usage of scientific calculators will be integrated into the course content.

Credits 3

Lab Hours 0

Class Hours 3