

MS 143 : Technical Mathematics

Lecture Hours 3

Credits 3

This mathematics course is designed to provide mathematical tools needed by students enrolled in selected technical and occupational (AAS) Programs. The course incorporates mathematics that help students analyze, set up and solve problems in their various majors. Emphasis is placed upon the practical aspects of mathematics. It includes selected topics on the operation of Real Numbers; conversion of fractions, decimals and percents; ratios and proportion, percent and applications; measurement - which includes conversion between English and the Metric system; essentials of algebra, consumer/financial mathematics; statistics, graphs, and probability; topics in geometry.

Prerequisites

Completion of [MS 1023](#) with a grade of "C" or higher or ACCUPLACER Next Generation QAS score of 237 or above.