

MATH1000 - Technical Mathematics

Credits:	3 (3/0/0)
Description:	This course presents basic mathematical topics as they are applied in a technical program. The course includes a review of basic mathematical operations and continues with the development of algebraic and trigonometric skills in a technical setting. Most concepts will be applied through course-specific problems. This course is not an MnTC Goal Area 4 mathematics course, nor does it prepare students for taking an MnTC Goal Area 4 mathematics course.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none">1. Review basic mathematical operations involving whole numbers, decimals, fractions, signed numbers, percents and order of operations.2. Perform metric system conversions and apply to program-specific problems.3. Solve basic linear equations.4. Manipulate formulas.5. Solve and apply variation problems.6. Demonstrate usage of a scientific calculator.7. Identify appropriate geometric formulas to solve perimeter, area and volume applications.8. Solve basic right triangle trigonometry application problems.9. Formulate solutions to program-specific problems.
MnTC goal areas:	None

*Can be taking as a Prerequisite or Corequisite.