

Applied Math 30S

Course Outline

This course has been developed because of the increasing demand for and use of technology in the work place. Students will master essential math skills in topics important to post-secondary institutions and technology-based industries. This is a course that is context driven and promotes the learning of numerical and geometrical problems solving techniques as they relate to the world around us. It is designed to promote student flexibility by working on non-routine problems and responsibility by making personal connections to math subject areas.

The course is divided into eight units. These units are

- Reasoning
- Properties of Angles and Triangles
- Acute Triangle Trigonometry
- Oblique Triangle Trigonometry
- Quadratic Functions and Relations
- Systems of Linear Equations
- Statistics Reasoning
- Proportional Reasoning

Grading

4 Units with 8 subsections worth 9% each for a total of 70% of the course	
1 Final Exam worth	30%

Marking—unit marking

Problem Solving	35
Communication	35
Mental Math	30

The target for the course material completion is June 1, 2018. The exam is scheduled for later June.

This course is calculator based and calculator dependent, therefore students need access to a graphing calculator so that they can become familiar with its functions and locations.