



## **Course Syllabus Technical Math**



### **Course Description:**

Students will be able to develop mathematical skills intuition and a relevant base of mathematical knowledge. Students will gain experiences that connect classroom learning with real-world applications, prepare effectively for further work in mathematics and related disciplines, learn to work in groups as well as independently, increase knowledge of mathematics through explorations with appropriate technology, develop a positive attitude about learning and using mathematics, build techniques of reasoning for effective problem solving, and learn to apply and display knowledge through alternative means of assessment, such as mathematical portfolios and journal writing.

### **Prerequisite & Course Information:**

Algebra II

1 year course, open to grade 12 (Dual Credit)

### **Course Outline Topics:**

Arithmetic computations involving whole numbers, fractions, and percents.

Occupational word problems will be stressed.

\*Topics will be modified when necessary

### **Grade Determination:**

40% Test

40% Homework

20% Quiz

### **Expectations:**

Bring your book, pencil, paper, and laptop to class.

Expect to have a weekly quiz.

Tests will be given at the end of each chapter.

**Finals must be taken unless the student met or exceeded on the PSAE test.**