

**GRADE 10: INTRODUCTION TO APPLIED AND  
PRE-CALCULUS MATH 20S  
COURSE OUTLINE**

Grade 10 Introduction to Applied and Pre-calculus Mathematics (20S) is intended for students considering post-secondary studies that require a math pre-requisite. The topics studied prepare students for entry into both the Grade 11 Applied Mathematics and Grade 11 Pre-calculus Mathematics.

Components of the curriculum are both context driven and algebraic in nature. Students will complete activities that include the use of technology, problem solving, mental mathematics, and theoretical mathematics to promote the development of mathematical skills.

Topics covered are:

Measurement  
Relations and Functions  
Line Segments  
Pre-Calculus  
Linear Functions  
Trigonometry

Assessments are based upon understandings of completed work. There will be comprehensive assessments over the year as all the skills are transferable to other parts of the course.

Marking

Course Work: 4 Units with 8 Subsections of 8% each for	70%
Final Assessment	30%