# Foundations 110 – Course Outline 2022-23

# Teacher: Mr. M. Fletcher

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**Text:** Foundations of Mathematics 11

# Overview: This course is designed to build on knowledge learned in grade 10 and to prepare students who are planning to attend and take university math courses.

# Units Covered: Course Evaluation:

Inductive and Deductive Reasoning – Chapter 1 Tests/Quizzes 35%

Geometry and Trigonometry – Chapters 2-4 Assignments/Homework 50%

Systems of Linear Equations – Chapter 5 Exam 15%

Quadratics – Chapter 6

Financial Math – Chapters 8 and 9

**Supplies Needed:** Binder & loose leaf, calculator, ruler, pencils & graph paper.

**Assessment:** Daily observations and conversations with students will be used to guide the learning process. The products of the learning process should improve students’ communication, reasoning, and problem-solving skills.

**Notes:**

1. Assignments and homework will be assigned to reinforce course outcomes. Class time will be provided to work on outcomes, but unfinished work will need to be completed out of class time.
2. Extra help will be available as needed during SEL time or after school.
3. Attendance is crucial for success in this course. It is your responsibility to catch up on any work missed if you are absent.
4. Marks will be recorded in PowerSchool and can be accessed throughout the term.

1. Be organized and aware of quiz, assignment, and test dates. Key dates and assignments will be posted on the school website.