

Foundations of Mathematics 110

COURSE SYLLABUS 2016-17

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**COURSE DESCRIPTION:** This course is a pre-requisite for Foundations of Mathematics 120, providing a pathway designed for entry into academic programs not requiring pre-calculus. It is also a pre-requisite for the pre-calculus pathway.

**COURSE CONTENT:** Financial Mathematics (Chapters 8 & 9)

Inductive & Deductive Reasoning (Chapter 1)

Properties of Angles & Triangles (Chapter 2)

Trigonometry (Chapters 3 & 4)

Systems of Linear Inequalities (Chapter 5)

Quadratic Functions & Equations (Chapter 6)

**EVALUATION:** 40% Tests (note: re-writes are not offered in math courses beyond grade 10)

30% Other Assessments

30% Exam

If a student is unsuccessful using the above distribution, then they will be re-evaluated by the following, with a maximum overall grade of 60%.

20% Tests

20% Other Assessments

60% Exam

**WIKISPACE:** Course notes and other information will be posted to my Wikispace <http://tarascholten.wikispaces.com>

**REMINDERS:** If you would like to sign up to receive text reminders for this course, please text the message @found11 to

the number 506-802-8605.

**RESOURCES:** Foundations of Mathematics 11 text book and other supplemental resources. The replacement cost of the

textbook is approximately $80.

**REQUIRED MATERIALS:** Scientific calculator ***(note: the calculator app on your cell phone and calculators with graphing capabilities are NOT permitted)***, binder with loose leaf, graph paper, pencils, ruler, eraser.

**HOMEWORK:** Homework will be assigned to reinforce the concepts covered in class and is a critical part of gaining understanding and mastery of the topics taught in this course. You will be expected to complete all homework, including homework assigned on days when you are absent from class.

**ATTENDANCE:** Regular attendance is necessary to be successful in this course. If you are absent on any given day,

then it is **your** responsibility to catch up on the notes and work that you missed.

**EXTRA HELP:** Extra help will be offered in my classroom at lunchtime, except on Mondays. Please seek assistance on the *first* day that you discover that you are experiencing difficulty, otherwise the work can become overwhelming.

**MATH DEPARTMENT POLICY FOR MISSED EVALUATIONS:** Students should be prepared to write any missed evaluation upon their return to class. Unexcused absences will result in the student receiving 60% of the grade obtained.

I hope that you will have a happy and successful year at FHS!

Mrs. Tara Scholten