

Foundations of Mathematics 110

COURSE SYLLABUS 2014-15

[**Peter.Batt@nbed.nb.ca**](mailto:Peter.Batt@nbed.nb.ca)[**Peter.Cook@nbed.nb.ca**](mailto:Peter.Cook@nbed.nb.ca)

[**Nichaloas.Daigle@nbed.nb.ca**](mailto:Nichaloas.Daigle@nbed.nb.ca)[**Heather.Lange@nbed.nb.ca**](mailto:Heather.Lange@nbed.nb.ca)

[**David.Murdock@nbed.nb.ca**](mailto:David.Murdock@nbed.nb.ca)[**Tara.Scholten@nbed.nb.ca**](mailto:Tara.Scholten@nbed.nb.ca)

**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)

Logical Reasoning & Geometry (Chapters 1 & 2)

Trigonometry (Chapters 3 & 4)

Relations and Functions (Chapters 5 & 6)

**EVALUATION:**

40% Tests

20% In-class Assignments

10% WebWork Assignments

30% Exam

If a student is unsuccessful under the above distribution, then he/she will be re-evaluated by: \*

20% Tests

20% In-class & WebWork Assignments

60% Exam

\*If a student is successful under the second distribution, then he/she will receive a **final mark of 60%.**

**WEBSITES:** Course material will be posted to wikispaces linked from each teacher on the FHS website.

**RESOURCES:** Nelson Foundations of Mathematics 11 text book and other supplemental resources

**RECOMMENDED MATERIALS:** Scientific calculator (note that 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 miss.

**EXTRA HELP:** Please make arrangements with your teacher to get extra help should you need it.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:** It is expectedthat you will be present for all evaluations in these courses. Please see the Math Department page on the FHS website for the full policy.

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**PLEASE FILL OUT THE INFORMATION BELOW: (Please print) Foundations of Math 110**

**STUDENT NAME:**

**PARENT NAME:**

**PARENT E-MAIL:**

**Prerequisite Courses: GMF 10: Teacher’s Name:** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Final Grade: \_\_\_\_\_\_\_\_\_\_**

**NRF 10: Teacher’s Name:** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Final Grade: \_\_\_\_\_\_\_\_\_\_**

**PARENT SIGNATURE:**