

Pre-Calculus 12B

COURSE SYLLABUS 2013-14

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

[**Martin.Probert@nbed.nb.ca**](mailto:Martin.Probert@nbed.nb.ca)

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

[**David.Murdock@nbed.nb.ca**](http://docmurhome.wikispaces.com/)

[**Alice.Sewell@nbed.nb.ca**](mailto:Alice.Sewell@nbed.nb.ca)

**COURSE OBJECTIVE**: Pre-Calculus 12A/B is designed for students headed to college or university where a high level of mathematics is needed. It is recommended that students entering this course have a grade of a least 75% from the Pre-Calculus 11 course.

***EVALUATION PILOT FOR GRADE 11 & 12 MATH COURSES IN THE 2013-2014 SCHOOL YEAR***

*Students in this course will be evaluated under the distribution of:*

*40% Tests*

*30% Quizzes and Assignments*

*30% Exam*

*If a student is unsuccessful under the above distribution then they will be re-evaluated by:*

*20% Tests*

*20% Quizzes and Assignments*

*60% Exam*

*If a student is successful under the second distribution they will receive a* ***final grade of 60%.***

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

**COURSE CONTENT:** Permutations, Combinations & the Binomial Theorem (Chapter 11)

Radical & Polynomial Functions (Chapter 2 & 3)

Rational & Reciprocal Functions (Chapter 9)

Sequences, Series & Limits (other resources)

**TEXTBOOKS:** You will be assigned a textbook.

**RECOMMENDED MATERIALS:** Scientific calculator (with a 2 line display), binder with loose leaf, graph paper, pencils, ruler, eraser…

**NOTE: Graphing calculators will NOT be permitted on formal assessments.**

**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. You will be assessed on regular informal assessments, which will be based on recently assigned homework.

**EXTRA HELP:** The Math Learning Centre, located in rooms C122-123, will be open Wednesdays and Thursdays from 12:20-1:20 for any students wishing to obtain extra help. Please seek assistance on the first day that you discover that you are experiencing difficulty, otherwise the work can become overwhelming.

**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.

**MATH DEPARTMENT POLICY FOR MISSED EVALUATIONS:** Please see the FHS school website Math Department page for the full policy.

**COMMUNICATION WITH HOME:** Your up-to-date mark in the course will be emailed home after every test. More frequent updates will be available for students and parents upon request.