



Foundations of Mathematics 11 Course Outline

Foundations of Mathematics 11 is an academic math course which leads to post-secondary programs in art, humanities, and other programs not requiring calculus. It is intended to increase competence and confidence in math numeracy by studying math concepts that are used in work and in everyday life. The material covered in this course will build on topics covered in Foundations of Mathematics and Pre-Calculus 10. This course will also introduce many new concepts.

The topics covered at The Link are identical to the topics covered in any neighbourhood school. In order to receive credit in this class, you must provide evidence that meet all of the prescribed learning outcomes set by the Ministry of Education. Along the way, you will be provided with all the tools necessary to achieve success, but **the ultimate responsibility rests with you, the student.**

Course Content

For a detailed look at the prescribed learning outcomes, please visit:

https://www.bced.gov.bc.ca/irp/pdfs/mathematics/WNCPmath1012/2008math_foundations11.pdf.

Units of study are:

Unit 1	Inductive and Deductive Reasoning
Unit 2	Properties of Angles and Triangles
Unit 3	Non-Right Angled Trigonometry
Unit 4	Systems of Linear Inequalities
Unit 5	Quadratic Functions and Equations
Unit 6	Proportional Reasoning
Unit 7	Statistical Reasoning

Assessment

Students will be assessed on a regular basis. This will take the form of your first assignment, send-in assignments and unit tests (the final exam is optional).

First Assignment	5%
Send-In Assignments	25%
Tests	70%

Resources

You will use D2L learning platform for this course, with lessons delivered online through Content Connections. There is no textbook required. You should have a basic scientific calculator that can perform trigonometric functions.

Recipe for Success

Learning and understanding math requires consistent practice and dedication. You should be prepared to devote between 6-10 hours of work per week in order to complete the required course work.

Don't let small problems become large ones!! Ask for help if needed...check out our drop-in hours or email me to set up an appointment.