



Foundations of Math 11 Outline

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Description

Foundations of Mathematics 11 is for students who need a Math 11 to graduate but also plan to move onto post-secondary education. Some universities and colleges accept this course for specific programs or acceptance into the institution. It is up to the student to verify if this course will meet those requirements for specific programs. See the topics covered below.

Unit	Title	Contents
Unit 1	Systems of Linear Equations	One practice test One password protected test
Unit 2	Non-Right Angled Trigonometry	One practice test One password protected test
Unit 3	Graphing Quadratic Functions	One hand-in assignment One practice test One password protected test
Unit 4	Graphing Systems of Equations	One hand-in assignment One practice test One password protected test
Unit 5	Probability and Statistics	One practice test One password protected test
Unit 6	Finances	One hand-in assignment
Unit 7	Reasoning and Logic	One hand-in assignment

Pre-requisites

Academic Math 10 is a pre-requisite for this course. Math 10 will have covered systems of equations, trigonometry, solving equations, and linear geometry which are all essential for success in FOM 11.

Resources

Desmos, a free Internet based graphing program, is needed. A scientific calculator with Sin, Cos, and Tan buttons is required. A computer with access to the Internet is also required. There is no book required for this course as all materials are available in the course.

Assessment

Several tests and some hand-in assignments will be used to determine a student's grade in the course.

How long will this course take?

This is a 4-credit course and students should expect to spend 100 – 120 hours to complete it.