

Pre-Calculus 11 Course Outline

Mr. Wallace

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Hello and welcome to Pre-Calculus 11. I'm glad that you decided to take this course; we get into some pretty fun and interesting maths. This course is designed to prepare students for Pre-Calculus 12 and for university level mathematics.

Big Ideas:

- Algebra allows us to **generalize** relationships through abstract thinking.
- The meanings of and **connections** between, operations extend to powers, radicals, and polynomials.
- Quadratic **relationships** are prevalent in the world around us.
- Trigonometry involves using **proportional reasoning** to solve **indirect measurement** problems.

Topics:

- Financial Math
- Exponents
- Factoring
- Quadratics
- Rational Expressions
- Inequalities
- Trigonometry

Expectations:

This course will move fairly quickly and you are expected to keep up. Please come to class prepared to engage and ready to learn. You are expected to ask questions and seek extra help if you need it.

It is also expected that you treat yourself and others with respect and kindness.

Materials:

You are to bring a binder with paper, pencils, pens, a ruler and whatever else you find useful.

You will be provided with a workbook and notes packages.

I prefer that you use a scientific calculator and not a graphing calculator. Graphing will be done on phones or computers.

Evaluation:

Evaluation will be done through tests 80%. We will have a final exam worth 20% of your final mark.