

Daniel McIntyre Collegiate Institute
Pre-Calculus Mathematics 20S
Course Outline

Pre-Calculus Mathematics is designed for students who will be continuing studies at the post-secondary level in fields related to mathematics and science. This curriculum is intended as preparation for calculus at the university level.

The study of functions is the major focus of the Pre-Calculus Mathematics curriculum. The following list identifies the topics covered in this course's curriculum and the approximate amount of class time spent on each topic.

<u>Topics</u>	<u>Percent of Course</u>	<u>Approximate Number of Classes</u>
Polynomials & Factoring	10%	8
Analytic Geometry	16%	13
Trigonometry	10%	8
Exponents & Radicals	12%	10
Geometry	9%	7
Rational Expressions & Equations	15%	12
Functions	11%	9
Statistics & Probability	8%	6
Variation and Sequences	9%	7

Assessment

70% of the final grade will be based on Term Work including:

- Quizzes
- Tests
- Assignments
- Math Dictionary

30% of the final grade will be based on a Final Exam.

Course Blog

This course is supported with a blog on the world wide web. Check it out and participate daily:

<http://pc20s.blogspot.com>

Critical Path to Success!!

A student who wants to succeed in this course will:

- Always **be on time** for class.
- Always **arrive to class prepared** to work with all materials needed.
- Always attempt **ALL** their **homework** assignments.
- **Review** their **class notes** every night before going to bed
- Always **ask LOTS of questions** about anything they don't understand.
- Always **gets extra help** from the teacher when they feel they are falling behind.
- Find one or two people to be their study partners and **form a study group**.
- Consistently **set a regular time of day** to do homework assignments.
- Participate regularly on the course **blog**.

Remember Sisyphus!