



A. Y. Jackson S. S.  
www.ayjackson.ca

## MBF3C Foundations for College Mathematics Grade 11, College

### General Course Information

Prerequisite:	MFM2P, Grade 10 Applied (or MPM2D)
Department:	Mathematics
Extra Help:	By appointment Before school, lunch and after school
Textbook and Replacement Cost:	Pearson Math 11, \$80
Material Required:	Binder, pen, pencil, ruler, and scientific calculator
Course Fee:	Not applicable

### Course Description

This course enables students to broaden their understanding of mathematics as a problem solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

The course is organized into [Click here and type number of strands] strands:

- Mathematical Models
- Personal Finance
- Geometry and Trigonometry
- Data Management

A detailed list of the course expectations can be found at: [www.edu.gov.on.ca/eng/curriculum/secondary/math1112currb.pdf](http://www.edu.gov.on.ca/eng/curriculum/secondary/math1112currb.pdf)

### Assessment and Evaluation

To promote student success, ongoing assessment and feedback will be given regularly to the students. A variety of assessment and evaluation strategies will be used in this course, including assignments, quizzes, and tests. Expectations will be evaluated based on the provincial curriculum expectations and the achievement levels outlined in the ministry document.

Expectations are organized into four categories of knowledge and skills. The categories and their corresponding weighting is as follows:

Knowledge and Understanding	35%
Thinking	15%
Communication	15%
Application	35%

Each student's final mark will be in the form of a percentage grade based on their achievement in the 4 categories on the achievement chart. The breakdown of the final mark is as followed:

Term Evaluation	70%
Final Evaluation	30%

The final Evaluation will be completed during the final 6 weeks of the course and may include a variety of summative activities including an exam, a presentation, a seminar, or an essay or another writing assignment.

In addition to students' performance in the achievement categories, students will also be assessed on their performance in the following learning skills:

- Responsibility
- Organization
- Independent Work
- Collaboration
- Initiative
- Self-Regulation

For specific policies on assessment and evaluation, and academic honesty, please refer to *School Procedures* in the student agenda.