



West Carleton Secondary School MBF3C Foundations for College Mathematics Course Outline

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EVALUATION

Term Work (see below)	70%
Final Exam	20%
Summative Assessment	10%

COURSE EXPECTATIONS:

Mathematical Models

M1	Make connections between the numeric, graphical, and algebraic representations of quadratic relations, and use the connections to solve problems;
M2	Demonstrate an understanding of exponents, and make connections between the numeric, graphical, and algebraic representations of exponential relations;
M3	Describe and represent exponential relations, and solve problems involving exponential relations arising from real-world applications.

Personal Finance

PF1	Compare simple and compound interest, relate compound interest to exponential growth, and solve problems involving compound interest;
PF2	Compare services available from financial institutions, and solve problems involving the cost of making purchases on credit;
PF3	Interpret information about owning and operating a vehicle, and solve problems involving the associated costs.

Geometry and Trigonometry

GT1	Represent, in a variety of ways, two-dimensional shapes and three-dimensional figures arising from real-world applications, and solve design problems;
GT2	Solve problems involving trigonometry in acute triangles using the sine law and the cosine law, including problems arising from real-world applications

Data Management

D1	Solve problems involving one-variable data by collecting, organizing analyzing , and evaluating data.
D2	Determine and represent probability, and identify and interpret its applications.

POLICIES AND PROCEDURES

Students have been provided with a copy of the West Carleton Secondary School Assessment and Evaluation Policies and Procedures as laid out by OCDSB.

Attendance:

If a student is absent from class, he or she will consult the teacher to determine assignments missed, will complete these assignments, and will request extra help if necessary.

Technology and Textbooks:

Calculators Each student requires a *scientific calculator* that will be used on a daily basis. Graphing calculators will be supplied when required.

Resources *Foundations for College Mathematics 11*, McGraw-Hill Ryerson

Test Policy:

If your child is aware that he/she will miss a test due to an appointment/sports event etc., it is the student's responsibility to let the teacher know **AHEAD** of time. The student will then make arrangements with the teacher to write the test **AHEAD** of time.

Department policy requires that students verify any absences from tests with a note from a parent, guardian or a doctor. On their return to school, students will be expected to complete the missed test during class time

Students may be given a one-time opportunity to replace **ONE** unit test with a make-up test near the end of the semester. In order to qualify for this opportunity the student will be asked to do extra review for that unit. The dates will be announced ahead of time.

Summative Evaluations

All mathematics students are required by the Ontario Ministry of Education to perform a rich assessment task towards the end of the school year. The exact dates for these evaluations will be announced by the classroom teacher. The summative will take place during the last full week of classes in June, 2015. **This is part of the 30% summative evaluation; 20% for the exam and 10% for the summative. Students cannot miss either evaluation unless they have a medical certificate.**

Thank You West Carleton Mathematics Department