



GEORGE HARVEY COLLEGIATE INSTITUTE

MBF3C – Grade 11 Foundations for College Mathematics, College



Teacher: M. Chong Yen, M. Konu

Revision Date: September 4, 2013

Assistant Curriculum Leader: A. Chor

Credit Value: One (1) Credit

Prerequisite: MFM2P Grade 10 Foundations of Mathematics, Applied

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, analyzing, 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.

TEXTBOOK Foundations for College Mathematics 11. McGraw-Hill Ryerson: 2007
ISBN Number: 9780070780842 (\$85.97 plus shipping and handling)

REQUIRED MATERIALS

- 3-Ring Binder
- Scientific Calculator
- Writing Utensils
- Student Agenda

COMMUNICATION OF STUDENT ACHIEVEMENT

Student progress and achievement are communicated to the students on an on-going basis through: interim progress reports, student-teacher conferences, verbal/written feedbacks, daily practices, formative assessments, and summative evaluations. See student agenda for detailed information on mid-term and final reporting of student achievement of curriculum expectations and learning skills.

Learning is the responsibility of the students. If students experience any kind of difficulty with their studies, access to remedial help is available from the teacher by arrangement. The teacher may contact parents/guardians regarding any concerns about student progress and achievement.

A parent/guardian may contact the teacher regarding any concern or issue about student progress and achievement in person (preferably by appointment), by phone (416) 394-3180, or by email at matthew.chongyen@tdsb.on.ca / matthew.konu@tdsb.on.ca.

ACCOMMODATIONS FOR EXCEPTIONAL AND ESL/ELD STUDENTS

Appropriate accommodations for exceptional and ESL/ELD students are provided by the teacher following recommendations as outlined in each identified student's Individual Education Plan (IEP) and/or Annual Education Plan (AEP). See student agenda for more information.

ASSESSMENT/EVALUATION

The assessment/evaluation in this course may consist of a combination of the following:

- Mini-Tests/Tests
- Notebook
- Projects/Presentations
- Assignments
- Culminating Activity
- Written Exam

See student agenda for detailed information on school policies regarding attendance, absences, late, homework, late assignments, missed work/evaluations, and academic integrity.

SUMMATIVE EVALUATION

Summative evaluation is represented by a percentage grade which is a weighted average of the four achievement categories as outlined in the Ontario curriculum documents:

Achievement Categories	Knowledge	Thinking/Inquiry	Communication	Application
Percentage Weightings	30%	15%	25%	30%

Term Evaluation (70%):

Unit	Topic	Approx. Time	Evaluations
1	Trigonometry	15 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)
2	Probability	12 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)
3	Quadratic Relations I	15 Hours	Mini-Tests (wt. 10) Graphing Assigns. (wt. 10) Unit Test (wt. 20)
4	Quadratic Relations II	15 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)
5	Exponents	15 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)
6	Compound Interest	12 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)
7	Personal Finance	13 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)
8	Single-Variable Statistics	13 Hours	Mini-Tests (wt. 10) Unit Test (wt. 20)

Final Evaluation (30%):

Final evaluations cover all strands and overall curriculum expectations of the course, across all four achievement categories.

Written Exam	25%	End of course
Culminating Review	5%	End of course

I have read the above information and I understand the expectations of this course.

Student Signature: _____

Parent/Guardian Signature: _____