



GEORGE HARVEY COLLEGIATE INSTITUTE
MAP4C – Grade 12 Foundations for College Mathematics, College



Teacher: M. Konu

Revision Date: September 2013

Assistant Curriculum Leader: A. Chor

Credit Value: One (1) Credit

Prerequisite: MCF 3M Grade 11 Functions and Applications, University/College, or
MBF 3C Grade 11 Foundations for College Mathematics, College

COURSE DESCRIPTION

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.

TEXTBOOK

Foundations for College Mathematics 12, McGraw-Hill Ryerson: 2009
ISBN Number: 9780070725140 (Cost: \$83.50 plus taxes and shipping)

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 via email: 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:

- Quizzes
- Tests
- Assignments
- Performance Tasks
- 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	Measurement and Geometry	12 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
2	Trigonometry	15 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
3	Two-Variable Statistics	12 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
4	Apply Data Management	18 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
5	Graphical Models	18 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
6	Algebraic Models	10 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
7.	Annuities and Mortgages	15 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.
8.	Budgeting	10 Hours	Mini-Tests (On-going) 10 wt. Unit Test (End of unit) 20 wt.

Final Evaluation (30%):

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

Final Exam	25%	End of course
Culminating Activity	5%	End of course

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

Student Signature: _____

Parent/Guardian Signature: _____