GEORGE HARVEY COLLEGIATE INSTITUTE

MPM1D – Grade 9 Principles of Mathematics, Academic

Teacher: A. Chor / E. Xherro
Assistant Curriculum Leader: A. Chor
Prerequisite: None

Revision Date: September, 2013
Credit Value: One (1) Credit

COURSE DESCRIPTION

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

TEXTBOOK Principles of Mathematics 9. McGraw-Hill Ryerson: 2006
ISBN Number**:** 0070973199 ($80.23 plus tax 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: angel.chor@tdsb.on.ca (Ms. Chor) / etleva.xherro@tdsb.on.ca (Ms. Xherro).

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

See student agenda online 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%	20%	20%	30%

Term Evaluation (70%):

Unit	Topic	Approx. Time	Evaluations
1	**Polynomials**	25 Hours	Mini-Tests (On-going)-wt. 10 Unit Test (End of unit)-wt. 20
2	**Algebraic Equations**	15 Hours	Mini-Tests (On-going)-wt. 10 Unit Test (End of unit)-wt. 20
3	**Data Management and Relationships**	20 Hours	Mini-Tests (On-going)-wt. 10 Unit Test (End of unit)-wt. 20
4	**Measurement Relationships** **Independent Study Unit (Semester 1)*	10 Hours	Mini-Tests (On-going)-wt. 10 Unit Test (End of unit)-wt. 20
5	**Analyse Linear Relations**	20 Hours	Mini-Tests (On-going)-wt. 10 Unit Test (End of unit)-wt. 20
6	**Geometric Relationships** **Independent Study Unit (Semester 2)*	10 Hours	Mini-Tests (On-going)-wt. 10 Unit Test (End of unit)-wt. 20
7	**EQAO**	10 Hours	June (End of course)

Each in-class assignment is worth a weight of 10, and each take-home assignment is worth a weight of 5.

Final Evaluation (30%):

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

January Exam	5%	End of Semester 1 (January)
June Exam	10%	End of course (June)
Field Trip Assignment	5%	End of Field Trip (May)
EQAO	10%	End of course (June)

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

Student Signature: _____ Parent/Guardian Signature: _____