

Math 10-C

Ms. Magill - Room 213 – cmagill@ghsd75.ca

Objective

This course emphasizes the algebraic and procedural aspects of mathematics and student success is directly linked to the learner having mastered the skills of the Jr. High curriculum. Students are expected to communicate solutions clearly and be able to use technology to explore, model and apply mathematical concepts and procedures to real-life problems. A strong emphasis is placed on exact solutions determined by algebraic computations. **Students are recommended to maintain a minimum mark of 65% to be prepared for Math 20-1 and must have a minimum mark of 50% to take Math 20-2.**

Evaluation:

Overall Reporting Period:

70% Semester Work

- 15% Assignments
- 5% Quizzes
- 50% Exams

30% Final Exam

Total 100%

Materials:

Each student is expected to bring the following items to every class:

- **Mathematics 10 Text**
- **Graphing Calculator (REQUIRED):**
TI-83, TI-83Plus, TI-84Plus
- **Binder, Pen, Pencil, Eraser, Ruler**
- **Non-metric Graph and Lined Paper**

Outline:

- **COURSE INTRODUCTION & GRADE 9 REVIEW**
- **UNIT 1 Measurement** (Unit Conversion, 3-D Shapes, Trigonometry)
- **UNIT 2 Algebra** (Number Systems, Exponents, Polynomials)
- **UNIT 4 Linear Relations** (Properties & Equations of Lines)
- **UNIT 5 Linear Systems** (Graphical/Algebraic Solutions, Applications)
- **YEAR-END REVIEW & FINAL EXAM**

Some of the activities and assignments that we will be involved in as a class are listed below:

- Class Discussions
- Group Work
- Exams & Quizzes
- Weekly Assignments
- Calculator Activities

Extra Help/Other Concerns:

Students are welcome to **request a study hall pass** to receive extra assistance during study hall. Additional help can be provided at lunch and/or after school.

Class assignments are posted daily on the school website. If you are sick or away, please check the website for information on assignments and upcoming tests.

If you are having any difficulties at any time throughout the semester, please attend Study hall right away so we can clear things up before it gets too late!!!