Pre-Calculus Mathematics 11 Course Outline

Term 1: Ch 1 Sequences and Series 11%

Ch 2 Trigonometry 11%

Ch 3 Quadratic Functions 14%

Term 2: Ch 4 Quadratic Equations

Ch 5 Radical Expressions and Equations 8%

Ch 6 Rational Expressions and Equations 10%

Term 3: Ch 7 Absolute Value and Reciprocal Functions 10%

Ch 8 Systems of Equations 11%

Ch 9 Linear and Quadratic Equations

Research Project on Mathematics History 5%

Final Exam 20%

Grading:

The CHSS Mathematics Department uses a Cumulative Grading system. This means that each chapter is worth a specific percentage of the entire course. Each term mark will be a reflection of the student’s learning up until that point. The final mark will not be an average of each term but rather a mark showing the student’s level of mastery throughout the entire course.

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## Student Expectations:

* Students must bring a 3-ring binder notebook, textbook, calculator, graph paper and pencil to every class. A scientific calculator is necessary for this course, a graphing calculator is beneficial for some units. A cell phone calculator may not be used for quizzes or tests.
* Students will maintain a portfolio representing their progress in the course. Each student is responsible for keeping their portfolio organised and up to date.
* Missed tests for valid reasons will be written on the next Collaboration Day in the test centre from 8:45 to 10:00 am.

### Work Habits: Work Habit marks are independent of achievement marks.

* A “G” student: consistently does his/her homework, has good attendance, is attentive in class, is respectful, and tries his/her best to be successful.
* An “S” student: completes homework most of the time, attends regularly, is attentive most of the time in class, is sometimes off-task, and could try harder to be successful.
* An “N” student: consistently does not do his/her homework, does not attend regularly, is inattentive in class, acts inappropriately, and does not try to be successful.