Foundations of Mathematics 12 Course Outline

Term 1: Ch 1 Investing Money 13%

Ch 2 Borrowing Money 11%

Ch 3 Set Theory and Logic 13%

Term 2: Ch 4 Counting Methods 14%

Ch 5 Probability 13%

Ch 6 Polynomial Functions 11%

Term 3: Ch 7 Exponential and Logarithmic Functions 13%

Ch 8 Sinusoidal Functions 12%

Depending on timing, there may be a final project, and all percentages for the units will be adjusted to accommodate this.

## Grading: ­ The CHSS Mathematics Department uses a Cumulative Grading system. This means that each unit is worth a specific percentage of the entire course. Term 1 will show the student’s progress up until that point. Term 2 will show their progress from September until the end of Term 2. The Term 3 and the Final mark will show the student’s level of mastery throughout the entire course. The final mark is not an average of the three term marks.

## Student Expectations: ­

Students are expected to attend every class on time, actively participate in class and do their best to be successful. Missed classes must be verified with a note from a parent or guardian. Missed tests for valid reasons will be written on the following Collaboration Day in the Test Centre from 8:40 to 10:00 am.

Students must bring a notebook, textbook, calculator, graph paper and pencil to every class. A scientific calculator is necessary for this course, a graphing calculator is permitted for some units.

A portfolio of work representing the learning during each unit will be required to demonstrate preparation for summative assessments. The portfolio is part of the evaluation of each unit and if not submitted will result in an Incomplete standing for that unit.

Music is allowed only during individual work time at a volume such that no one else can hear it. Sharing earphones is not allowed.

Music is not permitted during tests or quizzes.

Cell phones are not permitted in class other than taking photos of relevant work and class activities designed for their use.

## 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.