

# Burnaby Mountain Secondary

## Pre-Calculus Mathematics 12 Course Outline

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**Text Book:** Pre-Calculus 12 Worktext, Pearson

**Materials:** Binder, lined paper, pencils, an eraser, scientific calculator, graphing calculator (optional)

**Calculator Policy:** Students will be required to bring a calculator to every class. Calculators will be permitted for most tests and quizzes.

### **Course Mark:**

The Pre-Calculus Mathematics 12 Course is divided into 8 chapters. Each chapter is worth the following percentages of the Course Mark.

Ch 1	Polynomial Expressions and Functions	11%
Ch 3	Transforming Graphs of Functions	10%
Ch 5	Exponential Functions	5%
Ch 5	Logarithmic Functions	9%
Ch 6	Trigonometry	12%
Ch 7	Trigonometric Equations and Identities	11%
Ch 2	Radical and Rational Functions	10%
Ch 4	Combining Functions	9%
Ch 8	Permutations and Combinations	11%

**Midyear & Final Exam** 12%

### **Grading:**

The Burnaby Mountain 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.

### **I-Report:**

Students who are failing will be given an "I" report that will inform them of their mark and it will suggest possible ways to improve their mark.

PRE-CALCULUS 12  
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General Expectations:

- It is expected that all students and teacher be polite and treat one another with respect.
- It is expected that all students be prepared for each class by coming on time, having all necessary materials, and having all homework completed. Materials include: Math textbook, scientific calculator, pencil, eraser, organized binder with lined paper.
- It is expected that all students do not use their cell phones during instructional time. Any music devices should be kept in their bags during class instruction, but are welcome during study time.

Work Expectations:

- To succeed in this course, you must practice and maintain a consistent work ethic. It is necessary to complete all assigned work and to ask questions when necessary.

*What if I'm absent?*

- Bring a note from home the first day back, or send me an email.
- You are responsible for finding out what you missed that day and for making up all missed work. Contact a friend or check my Homework Site.
- You will be expected to hand in homework the following day. Some exceptions may apply.

*What if I'm absent on a test day?*

- You will be given sufficient notice for any quizzes or tests. If you know that you will not be here on test day, be sure to let me know ahead of time so we can arrange another time that works best for you.
- If you miss a test day due to unforeseen circumstances, you will be expected to write it the first day back. Please bring a note or email me for your absence.

*How do I get to the Homework Site?*

- Go to the school website. On the top, click "Students". From the drop-down menu, click "Teacher Sites". Click "Ms. A. Fulop".

You are ultimately responsible for your progress in this course. Homework assignments and test schedules are posted on my Homework Site. I am generally available at lunchtime. Drop-ins are more than welcome, but please do so shortly after the lunch bell. If you're unable to come during this time, please see me or email me to set up a time that works for you. Math tutorials are available; please refer to my Homework Site for the schedule. Have a great year!

I have read and understand the above information.

Student Signature: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_



# Math Work Habits in Action



	RESPONSIBILITY	COOPERATION	INDEPENDENCE
<b>GOOD</b> 	<ul style="list-style-type: none"> <li>✓ On time for classes</li> <li>✓ Ready to work and learn, with necessary materials</li> <li>✓ On task for entire class</li> <li>✓ Complete assignments with care and attention and on time</li> </ul>	<ul style="list-style-type: none"> <li>✓ Work well with peers and demonstrate respect for all students</li> <li>✓ Show respect for teacher and learning environment</li> </ul>	<ul style="list-style-type: none"> <li>✓ Get help when needed (self-directed learner)</li> <li>✓ Review and study on a regular basis</li> </ul>
<b>SATISFACTORY</b> 	<ul style="list-style-type: none"> <li>▪ Seldom late</li> <li>▪ Usually ready to work and learn, with necessary materials</li> <li>▪ On task for most of the class</li> <li>▪ Complete most assignments with care and attention and on time</li> </ul>	<ul style="list-style-type: none"> <li>▪ Usually work well with peers and usually demonstrate respect for all students</li> <li>▪ Usually show respect for teacher and learning environment</li> </ul>	<ul style="list-style-type: none"> <li>▪ Sometimes get help when needed</li> <li>▪ Review and study occasionally</li> </ul>
<b>NEEDS IMPROVEMENT</b> 	<ul style="list-style-type: none"> <li>× Often late</li> <li>× Seldom ready to work and learn; seldom have necessary materials</li> <li>× Seldom on task</li> <li>× Complete few, if any, assignments with care and attention and on time</li> </ul>	<ul style="list-style-type: none"> <li>× Seldom work well with peers and seldom demonstrate respect for all students</li> <li>× Seldom show respect for teacher and learning environment</li> </ul>	<ul style="list-style-type: none"> <li>× Rarely get help when needed</li> <li>× Seldom review or study</li> </ul>