



# PC 12

## Pre-Calculus 12

Block 2 Semester 2

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### Overview

Pre-Calculus Mathematics 12 is designed to prepare students to enter post-secondary programs that require the study of theoretical calculus. Analyzing puzzles, logical reasoning and problem solving skills are incorporated throughout the course. Students who are considering a degree that requires a university-level math course are strongly advised to take Pre-calculus 12. Students should also consider enrolling in Calculus 12.

### Topics Covered

- Trigonometry and Trigonometric identities
- Logarithms, relations and functions
- Binomial theorem, permutations and combinations.

### Homework

Any assignments not completed in class are to be finished as homework and are due the next day. Homework assignments will be clearly posted in the classroom. Quizzes based on the homework will be given regularly.

### Absences

**You are responsible for all notes, assignments, and tests that you missed.**

- Missed notes and examples should be copied when you return.
- Extra help is available by appointment or at lunch
- Any **missed assignments are due within THREE days** of your return; otherwise a mark of zero will be assigned.
- Any **missed tests or quizzes** must be written **OUTSIDE** of class time **within THREE days of return** or a zero will be given, unless prior arrangements are made.

#### CELL Phone POLICY:

Cell phones are not to be used during lessons! Cell phone usage may result in the cell phone being confiscated and/or a referral to administration, as appropriate.

### Recommended Materials

- Pearson Pre-Calculus 12 myWorktext ( can be purchased from office for \$15)
- Scientific Calculator (NOT a cell phone)
- Three ring binder and loose leaf paper
- Pencil, eraser and coloured pen

### Recommended Pre-requisites

Successful completion of Pre-Calculus 11

### Evaluation

Your class mark will consist of:

- In-class assignments: 10%
- Quizzes/Projects: 25%
- Tests: 65%

Your final mark will consist of:

- Class Mark: 80%
- Final Exam: 20%

### Keys to Success

- Be prepared and be on time
- Keep Organized
- Ask Questions!
- Use your class time wisely
- Do your homework/assignments.

