



Mrs. J. Donnelly  
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Room 226  
*Kelowna Secondary School*

## Pre-Calculus 11

If you have **successfully completed Foundations and Pre-Calculus 10** and are prepared to put in **significantly more effort** than you did in Math 10, then you should be successful in this course. If you did not complete Math 10, then you may not take this course.

**TEXT – *Pre-Calculus Mathematics 11*** (Pearson)

### Supplies:

You are expected to come to class prepared every day. Please bring the following items to class:

- 3 ring binder
- Paper (lined and graph)
- Pencils, erasers, ruler
- Assigned textbook
- Scientific calculator

### Topics of Study:

In this course, the main topics discussed will be:

- Powers and Exponents
- Factoring Polynomials
- Quadratic Functions
- Quadratic Equations
- Radical Functions
- Rational Expressions and Equations
- Linear and Quadratic Inequalities
- Trigonometry
- Financial Literacy
- Absolute Value and Reciprocal Functions (if time allows)

### Curricular Competencies:

In this course, the following skills / strategies / processes will be developed over time:

- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

### Evaluation:

Student evaluation determines how well you have demonstrated your knowledge of the course content and developed the curricular competencies.

- Homework and in-class work will be monitored daily along with attendance in determining the work habit G, S, or N
- Class mark will be a cumulative mark. Term marks on report cards will be reported as in-progress marks.
  - Assignments and quizzes are worth 30%
  - Tests are worth 70%
  - Overall course standing is weighted at 85% of the overall mark.
- There will be a comprehensive final exam worth 15% of your overall mark at the end of the semester.

## **Expectations:**

All of the school and District rules and regulations will be adhered to in this class. In addition, you are expected to:

- be responsible for completing assignments given during an absence
- arrive to class on time with all necessary supplies
- keep notebooks organized, up-to-date and neat
- copy out questions and show all your work
- participate in class
- Be productive during class time and complete nightly homework.
- **RESPECT** your teacher, your classmates, your classroom, and yourself!!

## **Cell Phones/Electronics:**

All electronic devices must not be visible during the lesson portion of class. You are permitted to use them during the assignment portion of class. However, if you are unable to use them responsibly, they will be confiscated until the end of class.

## **Absences:**

It is understood that students are absent for a variety of reasons. If you are absent, **it is YOUR responsibility** to check my website <http://jdonnelly.weebly.com> (password is 226) to find out what work was missed in class. This site contains online lessons and practice material which is fully compatible with classroom work.

## **Rewrites:**

At the end of the semester, you may find a score on a single test to be below your overall standard. If you wish to rewrite a test, you may arrange to complete test corrections and the selected chapter's review (all outside of class time) first. You are allowed to complete one rewrite. The grade achieved on the rewrite will fully replace your original score.

*I look forward to an exciting semester with you. I hope that you will find yourself engaged, and excited in math this year, and see the learning that you have accomplished over time.*

*Sincerely,*

*Mrs. J. Donnelly*