

# MATHEMATICS 10-C COURSE OUTLINE

## Goals

- To develop and promote skills and attitudes associated with mathematical literacy
- To learn the prescribed curriculum as a prerequisite for future courses in mathematics and other subject areas

## Text (workbook)

*Foundations of Mathematics and Pre-Calculus Grade 10 Workbook - \$20.00 (Absolute Value Publications)*

Unit	Topic	Emphasis
1.	Number Exponents Trigonometry Measurement	28%
2.	Polynomial Operations Factoring Polynomial Expressions Relations and Functions	25%
3.	Characteristics of Linear Relations Equations of Linear Relations Systems of Linear Equations	27%
	Math 10-C Final Exam	20%
<b>Total</b>		<b>100%</b>

## Unit Breakdown

Each unit mark will be calculated using the following percentages: Review Assignments 10%, Quizzes 40%, Cumulative Exam 50%. **There will a cumulative exam at the end of each unit. Each cumulative exam will have material from the previous subject matter covered in class.**

## Test/Quiz/Homework Policy

If a **unit test** is missed for an excused absence, an alternate exam will be written when the student returns to their next class **or** the weight will be transferred to the final exam at the teacher's discretion. It is the responsibility of the student to be aware of exam dates. Missed quizzes will have the weighting transferred to the unit test. Missed review assignments will have the weighting transferred to the unit test. **NO TESTS/QUIZZES WILL LEAVE THE CLASSROOM**

## **Calculator Policy**

Alberta Education requires that technology be used in order to achieve learner outcomes. With that in mind, all Mathematics 10-C students will need a **graphing calculator**. The math department recommends the TI-84 plus CE although almost any TI-graphing calculator can be used for -1 and -2 math courses. Take this into consideration if you need to purchase a new calculator.

## **Required Materials**

In addition to a graphing calculator, students will require pencils, an eraser, pens. All math work must be done in pencil so that corrections can easily be made. **Work in pen will not be accepted.**

## **Short Term Absences**

Regular attendance is critical to success in this course. Absences may seriously affect your overall success. In the event of an absence, it is the student's responsibility to find out what work must be completed and discuss with the teacher a mutually agreed upon time to submit work for marking.

## **Extra Help**

Extra help is available outside of class time to those students who do not waste the opportunities given to them in class. Please make an appointment with me to ensure I am available. If you are experiencing difficulty, do not wait until the last minute to get help! It will be difficult to continue in the course if you do not understand the previous topics. Consistent effort and preparation will produce the best results in this class and in all of your classes.

## **Classroom Expectations**

**Food and Drink:** Snacks and drinks are allowed as long as garbage is put in the garbage/recycle bins.

**Computers:** Computers will have limited use in the math classroom but it is important to bring them with you.

## **Important Links**

**Moodle:** website used by teachers to post assignments, forums, quizzes, dates, etc...

<http://moodle2.rockyview.ab.ca>

**RVS G-mail:** all students have been given an email account by Rockyview Schools

[www.google.ca](http://www.google.ca)

**For all accounts:**

Username: [firstnamemiddleinitiallastname@rvschools.ab.ca](mailto:firstnamemiddleinitiallastname@rvschools.ab.ca)

Password: student ID number