



Mathematics 10 Common

Semester 1: 2019-2020

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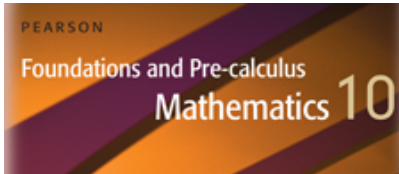
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Overview

Mathematics 10C aims to develop and promote skills and attitudes associated with mathematical literacy. It provides students with the opportunity to learn the prescribed curriculum as a prerequisite for future courses in mathematics and other subject areas.

Textbook and Materials

Foundations and PreCalculus Mathematics 10, Pearson, 2010.



REQUIRED: Hand held Graphing Calculator - **to be supplied by the student** (TI graphing calculator are supported). **An on line calculator is NOT sufficient.**

Formula Sheet (posted in moodle under the Info tab) **** PRINT THIS****

Web Site Resources

Great videos on many math concepts

<http://www.khanacademy.org/>

Math 10C: Explained

<http://www.math10.ca/index.php>

ACADEMIC DISHONESTY (PLAGIARISM) PROCEDURE

Rocky View Schools highlights the importance of not plagiarizing others' work including assignments, tests, quizzes and exams. **This includes extra un-authorized attempts at the exambank quizzes.** In the [*Responsible Use of Technology Agreement Student*](#) that every student signs at the beginning of the year it says, "6.14 Network users will not engage in plagiarism of information obtained via "rockynet" network."

Plagiarism is a serious offense; it will be brought to the attention of the Administration office at both your Home School and RVSO. Plagiarized work will result in a grade of "zero" for the assignment and may result in a grade of "zero" for the course, as well as academic suspension/expulsion.

FINAL DUE DATES:

Note there are three deadlines you need to closely adhere to:

Module 1, Module 1 Part 2 and Module 2 are DUE by November 15 at 4 pm. NO work on these modules will be accepted after this date.

Module 3, Module 4 and Module 5 are DUE by December 20 at 4 pm. NO work on these modules will be accepted after this date.

Module 6 and Module 7 are DUE by January 22 at 4 pm. NO work on these modules will be accepted after this date. This is the course cutoff date.

Evaluation

Lesson Quizzes	25%
Assignments	35%
Module Tests	40%

Lesson Quizzes

After most lessons, students will be directed to take a short on line lesson quiz in moodle. These are like homework checks and are to be used by students to make sure they are on track in learning the material lesson to lesson. If a failing grade is achieved, students should contact the teacher for more assistance on the lesson. **Students can have two attempts at these quizzes, separated by a 24 hour time period. The best mark will be recorded as a mark out of 10 and are worth 25% of the term mark.**

Assignments

A number of assignments will occur during the course. As these assignments count for a significant amount of the term mark, please spend an appropriate amount of time on them and do your best work. Students are to hand write their math and then scan it, rename it correctly and post that document in moodle. **Assignments are to be done on your own, not with the help of a friend or tutor. If you are having trouble, email me and I will offer the help. If your marks on assignments are dramatically higher than marks on tests, the test mark may be assigned as your assignment mark. Assignments contribute 35% of the classroom mark.**

Module Tests

Module Tests will include work covered over a module of work. Students are eligible to write these tests once all module work has been handed in, marked and returned. **A password will be sent to your Learning Coordinator to take these tests. These will count for 40% of the term mark and are always recorded as a percentage.**

Final Grade

The final course grade will be determined as follows - a school based mark worth **70%** and a Final Exam mark worth **30%**. ****NOTE** If the final exam mark is more than 20% lower than the classroom mark, the final exam mark MAY be used as the final course mark.****

Course Content

Module	Lessons	Assign	Test	TOTAL
1 Measurement	6 (9 days)	2 days	1	12
1.2 Trigonometry	4 (5 days)	2	1	8
2 Roots and Powers	6 (9 days)	2	1	12
3 Polynomials	5 (7 days)	2	1	10
4 General Relations	5 (5 days)	2	1	8
5 Linear Functions	5 5 days)	2	1	8
6 Linear Equations	4 (4 days)	2	1	7
7 Systems of Linear Equations	6 (7 days)	2	1	10
TOTALS	51	16	8	75