



Mathematics 10C Course Outline



TEACHER: Mr. R. McNab

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prior to 7 pm

Remind 101: Text: (587) 801-0972

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@chs10c

OBJECTIVES:

1. To instruct the basic course outline as prescribed by the Alberta Program of Studies and the Western & Northern Canadian Protocol.
2. To prepare students to proceed to Mathematics 20 and 30.
3. To develop worthwhile study habits, attitudes and values.
4. To encourage students to work and learn on their own so that they are capable of using mathematics for reasoning and applying to practical situations.
5. To develop an ability to work collaboratively and communicate mathematical ideas clearly and correctly to others.

RESOURCE:

Students will be using the notes and doing examples from the Foundations of Mathematics and Pre-Calculus Grade 10 Workbook. This enables students to write notes in the workbook and keep all their work together.

COURSE CONTENT:

- Unit 1 – Number
- Unit 2 – Exponents
- Unit 3 – Measurement
- Unit 4 – Trigonometry
- Unit 5 – Polynomial Operations
- Unit 6 – Factoring Polynomial Expressions
- Unit 7 – Relations & Functions
- Unit 8 – Characteristics of Linear Relations
- Unit 9 – Equations of Linear Relations
- Unit 10 – Systems of Linear Equations

EVALUATION:

Teacher Evaluations*	20%	*Teacher evaluations are methods used in the classroom to assess student progress. This may include quizzes, assignments, and homework.
Unit Tests (10)	50%	
Summary Review	10%	
Final Exam	20%	
	100%	

EXPECTATIONS:

1. **Course Expectations:** Math 10C is an academic math course. It is expected that students have a final grade in Math 9 of 50% or above in order to enter this course. Students should have a final mark of 65% or above to have a reasonable expectation of success in Math 20-1. Students who receive a grade below 65% in this course will automatically be placed in Math 20-2 next year.
2. **Attendance:** ALL classes are important, whether we are doing a lesson, activity, quiz, test, or review. **Every missed class** is a missed opportunity to learn and will result in students putting in ample amounts of their own time to catch up. Students are to tell the teacher **IN ADVANCE** of field trips, vacations, tournaments, etc. and then to arrange a time to meet with the teacher prior to the absence in order to stay on top of the lessons. With the exception of an illness documented by a parent, **students who miss class and do not inform the teacher ahead of time will be expected to catch up on their own.** For School Attendance Policy, see the Student Handbook on the Cochrane High Website.
3. **Late Policy:** Students who are continually late for class will receive a detention, during their lunch, to make up time missed. Students who continue to arrive late to class after successive detentions will be referred to administration.

4. **Class Time:** Students are expected to be ready to start at the beginning of class, required to work until the end of class, and any remaining work is to be finished at home. Mathematics is a skill, and practice is needed to become proficient. All assignments must be completed. If finished early, the student is required to review previous material. Students will **NOT** be excused from class once the tardy bell has rung. This includes washroom, water breaks, and locker use. (Washroom use is discretionary.)
5. **Coursework:** Any course work not completed in class must be done outside of class time at home or in the flex block. Students are required to complete all assignments. Assignments will be presented to the teacher at the time requested. A unit outline and deadlines are posted in the classroom.
6. **Academic Misconduct:** Any students claiming another student's work as their own including tests, review assessments and assignments, will receive a zero and be referred to administration.
7. **Corrections for Half Marks:** Students may make corrections selected assignments for half the missing marks. *Corrections are due prior to the completion of the next unit, and will only be graded during flex block or lunch.*
8. **Missing Tests/Quizzes/Review Assignments:** Students must write all forms of evaluation. Students who miss tests, quizzes, and/or review assignments will be required to complete the work in a timely fashion, before the end of the next unit. Your teacher may request a doctor's note or certificate. All missing work will be entered as **NHI** or **missing** (defaulted to a zero) and must be completed as quickly as possible as it will negatively affect their grade.
9. **Unit Test Rewriting:** Unit tests are available for rewriting as long as conditions for the rewrite have been met. (Remedial work, study guides, coursework completion, etc.) These rewrites must be done outside of the regular class time. e.g. Flex
10. **Math Help:** Extra help is available during the flex blocks. Anyone achieving less than 70% is presumed to be having difficulty with the material and is expected to seek extra help. Check with your teacher to make arrangements.
11. **Progress:** Every attempt is made to keep parents informed of students' progress in this class. Progress can be regularly checked on *Power School*. Parents are encouraged to phone or email the teacher if they have any questions or concerns.
12. **Materials Required:** A graphing calculator (with spare batteries) is required for Math 10C. A TI-84, or previously purchased TI-83 will be used in class by the instructor and is recommended, although some other models are acceptable. Calculators are to be cleared of all programs, games, etc., before exams and quizzes. Pencils, pens (for grading), an eraser, a straight edge, and graph paper are also required.
13. **Food and Drinks:** Students may bring a small water bottle to class. Food and other drinks are **NOT** permitted. Exceptions can be made under special circumstances. (Extra help at lunch, etc.)
14. **Electronic Devices:** Electronic devices and cell phones (see the Student Handbook on the Cochrane High Website) must be turned **OFF** or on **AIRPLANE MODE** in class. In addition to the school policy, if a student is found to have any of these items turned on in class, the item will be taken from the student and returned as per school policy.
15. **Classroom Etiquette:** Students are NOT permitted to wear any jackets, hats, or any other type of headgear in class. Students are expected to maintain a tidy and clean classroom for the benefit of all students and staff. At the end of each class, please pick up any paper, etc. on the floor (even if you didn't put it there). All students are to be respectful of one another and the teacher. Appropriate language and dress are also expected. Students will be given one warning. Students may be asked to leave the room and/or report to the office if unable to meet this expectation.

Parents, please send an email to your child's teacher to confirm that you have read this course outline. We hope you have a great year at Cochrane High School.