



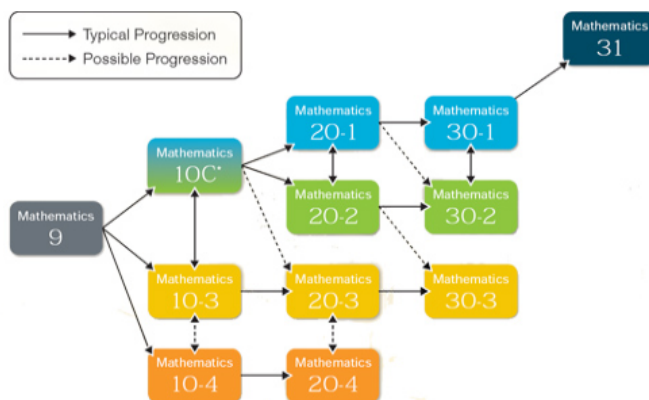
# Math 10C

Math 10C is offered as an **independent learning** course at the Learning Centres. The teacher is accessible for support via email or by booking an appointment (phone, virtual meeting, in person) during our hours of operation. Before you ask for help on the assignment, be sure to review all available resources including the practice problems on the course Google Classroom.

Students will complete the course by working through modules. Modules are comprised of lessons which include various resources that allow the student to actively engage in the learning process. Course content and resources are provided online through the course website. Students require their unique **@edu.sturgeon.ab.ca** account for course completion.

## Progression Through Course Sequences

Mathematics 10C is the starting point for the "-1" and the "-2" course sequence. Each topic area requires that students develop a conceptual knowledge base and skill set that will be useful to whatever course sequence they have chosen. The topics covered within a course sequence are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings. The goals of all three course sequences in Mathematics are to provide prerequisite attitudes, knowledge, skills and understandings for specific post-secondary programs or direct entry into the work force.





## Unit Topics and Evaluation

Math 10C has 4 units.

Unit 1: Measurement	Module 1: Measurement and Its Applications
Unit 2: Algebra and Number	Module 2: Roots and Powers
	Module 3: Polynomials
Unit 3: Relations and Functions	Module 4: General Relations
	Module 5: Linear Functions
Unit 4: Linear Equations and Systems	Module 6: Linear Equations
	Module 7: Systems of Linear Equations

A schedule of module due dates will be set up with your teacher as part of your registration. Timelines vary from student to student, depending on when you start the course and how well you grasp the material presented. Keep in mind that in a typical high school classroom, students receive approximately 80 minutes of class time everyday for an entire semester.

Assessment Component	Overall Weighting
Module Assignments (7)	35%
Module Exams (7)	35%
Final Exam	30%

Study Sheet
In addition to their formula sheet, students are permitted access to a single-sided, 8 ½ by 11 STUDY SHEET for each exam and the final exam.

Marks can be viewed on PowerSchool. Pay attention to comments included with your marks. This could mean there are things that your teacher would like to review with you before finalizing the mark on the assignment. Take the time to come see your teacher and discuss what must be completed or redone. Note: due to course deadlines, corrections will need to be completed in a timely manner as determined by you and your teacher.



## Accessing Content and Required Course Work

Modules are comprised of lessons which include different types of resources that allow you to actively engage in the learning process. Course content and resources are accessed through your [@edu.sturgeon.ab.ca](mailto:@edu.sturgeon.ab.ca) account in Google Classroom. This is the primary way of accessing course content and provides information on options for submitting assignments

An approved graphing calculator (such as a Ti-84) is required for this course.

## Module Structure and Resources

- Math 10C uses the textbook Mathematics 10 (McGraw-Hill Ryerson, 2010). A PDF copy of the textbook is available on the Google Classroom.
  - This course utilizes content from the **Mathematics 10C Learn Everywhere** course on [www.LearnAlberta.ca](http://www.LearnAlberta.ca). A handout is provided with login information in the Google Classroom.
  - The grey boxes in the lesson assignment booklets provide instructions on how to access course content including a list of tasks or items that you are encouraged to complete such as Are You Ready, Try This, Math Lab, Self-Checks, etc. The answers to the practice activities are available in the Suggested Answers booklet provided with each module.
- ★ While you will not be handing in the formative assessment (practice) items for marking, the activities in the lesson will help you to develop your understanding of concepts and prepare you for the lesson assignments in the module as well as any module projects.



- Complete all **Lesson Assignment questions** that you are given with each module. These marked assignments are identified with the yellow assignment icon. Do not complete the assignments linked on [LearnAlberta.ca](http://LearnAlberta.ca).
- Read all parts of your assignment carefully, and record your answers in the appropriate places. If you have difficulty with an assignment, go back to the textbook and/or module and review the appropriate lesson or contact your teacher. Be sure to proofread your answers carefully before submitting your assignment

## Additional Information and Expectations

All students and staff are expected to treat each other with respect. For more information, please refer to our website: [www.sturgeonlearning.ca](http://www.sturgeonlearning.ca).

