



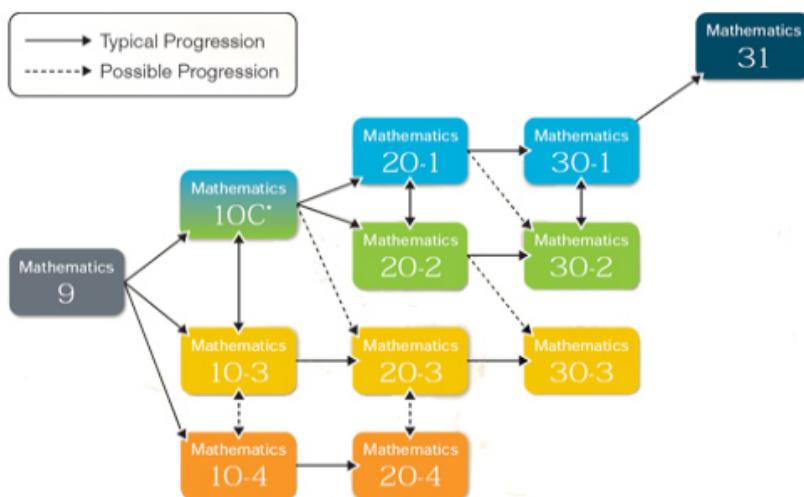
Math 20-2

Math 20-2 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

The prerequisite course for Math 20-2 is Math 10C. The “-2” course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of calculus.





Unit Topics and Evaluation

Math 20-2 has 7 modules. Module 1 to 6 are made up of lessons. Module 7 is the last module of this course and is entirely project-based.

Module 1: Trigonometry
Module 2: Logic and Geometry
Module 3: Quadratics
Module 4: Statistical Reasoning
Module 5: Radicals
Module 6: Proportional Reasoning
Module 7: Mathematical Research and Review

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 (Modules 1 to 6)	30%
Module Projects (Modules 1, 2, 4, 6 and 7)	10%
Module Tests (Modules 1 to 6)	30%
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 module test 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 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 20-2 uses the textbook *Principles of Mathematics 11* (Nelson, 2011). A PDF copy of the textbook is available on the Google Classroom.
- This course utilizes content from the **Mathematics 20-2 Learn Everywhere** course on 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.
- 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.

