Math 30-2

Math 30-2 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 30-2 is Math 20-2 or Math 20-1. 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.
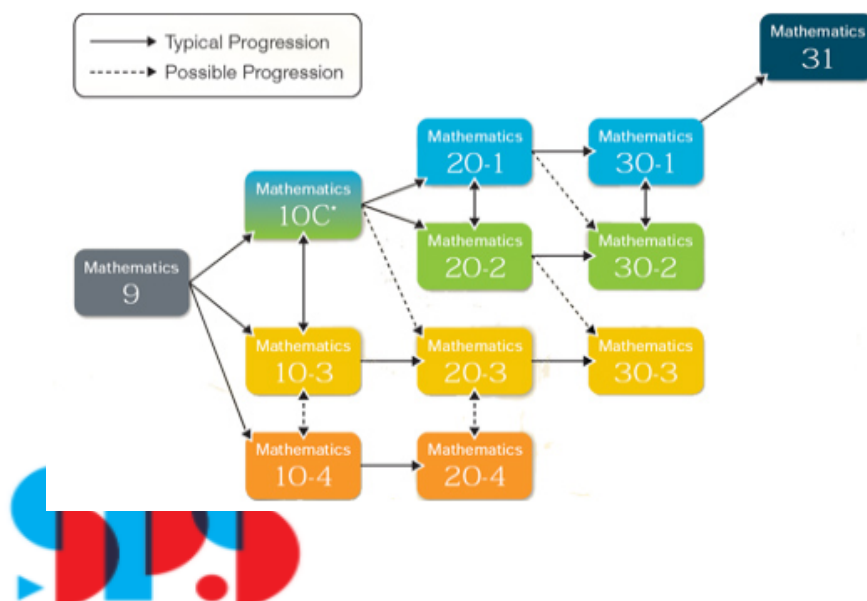
Module Topics and Evaluation

Math 30-2 has 8 modules and a research project.

Module 1: Logical Reasoning and Set Theory
Module 2: Permutations and Combinations
Module 3: Probability
Module 4: Exponential and Logarithmic Functions
Module 5: Applications of Exponents and Logarithms
Module 6: Polynomial and Sinusoidal Functions
Module 7: Rational Expressions and Equations
Module 8: Logical Reasoning Using Games and Puzzles
Mathematical Research Project

As this is a diploma exam course, for the 2023- 2024 school year, 70% of your **school awarded mark** will be combined with 30% of your diploma exam mark to calculate your final Math 30-2 mark.

STURGEON LEARNING CENTRE

MORINVILLE LEARNING CENTRE

Learn & grow.

MLC: Inside Frank Robinson Centre
SLC: 5028 49 St Gibbons
Phone: 780-939-4341 ext. 1626
www.sturgeonlearning.ca

School-Awarded Mark	Overall Weighting		Study Sheet
Module Assignments (Modules 1 to 8)	40%		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 assessment (**excludes the diploma exam**).
Module Tests (Modules 1 to 7) and Final Assessment	50%		
Mathematical Research Project	10%		

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.

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 various resources that allow you to actively engage in the learning process.
An approved calculator (ie. a Ti-84) is required for this course.

Are you re-writing the diploma exam?

If you are rewriting the diploma a rewrite fee applies.Please see the LC staff regarding the due date for rewrite submission as it is early in the semester and you must register yourself to rewrite using MyPass.ca.

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.