



Science 10

Course Outline

Science 10 is offered as an **independent learning** course at the Learning Centres. Students can optimize their learning experience through in-person interactions, Google Meets, phone calls, texts, and email communication with their teacher. Throughout the duration of the course, teachers will collaborate with students to formulate a personalized timeline for their academic journey. This tailored approach to scheduling aims to accommodate each student's unique learning pace, goals, and commitments, fostering an environment of flexibility and empowerment.

Accessing Content and Required Course Work

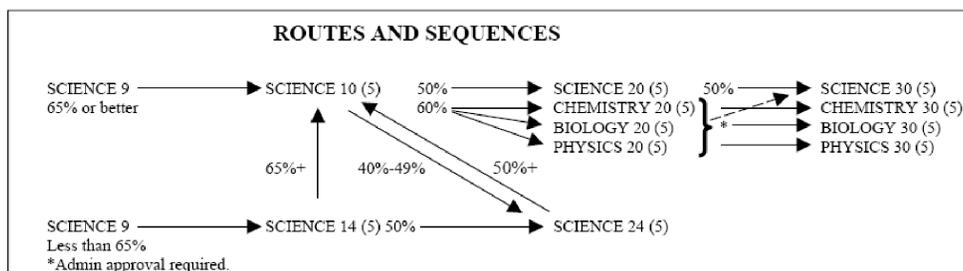
Students will complete the course by working through modules. Modules are comprised of lessons which include various resources that allow the student to actively engage in the learning process. Course content and resources are provided online through the **Science 10 Google Classroom**. Before you ask for help on the assignment, be sure to review all available resources including the practice problems on the course Google Classroom. Students require their unique first name.last name@edu.sturgeon.ab.ca account for course completion. **A calculator is required for this course.**

Progression Through Course Sequences

The four units of study in Science 10 emphasize the nature of science, science and technology and social and environmental contexts. Diverse learning experiences within this program provide students with opportunities to explore, analyze and appreciate the interrelationships among science, technology and society and the environment, and to develop understandings that will affect their personal lives, their careers and their futures. Successful completion of Science 9. There are no prerequisites for mature students.

Unit Topics and Evaluation

UNIT TITLE	MODULE NUMBER	MODULE TITLE
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UNIT A: Energy and Matter in Chemical Change	1	Energy and Matter in Chemical Change
UNIT B: Energy Flow in Technological Systems	2	Energy Flow in Technological Systems
UNIT C: Cycling of Matter in Living Systems	3	Cycling Matter in Living Systems
UNIT D: Energy Flow in Global Systems	4	Energy Flow in Global Systems

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 (4)	40%
Module Tests (4)	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 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.

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.

