



Science 30

Course Outline 2023-2024

Science 30 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.

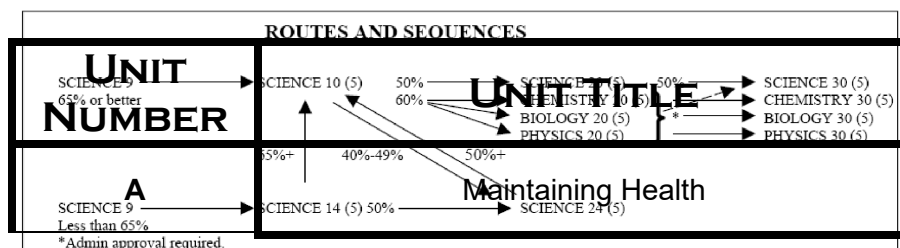
Accessing Content and Required Course Work

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 30 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. An approved calculator (i.e. Ti-84) is required for this course.

Progression Through Sequences

Science 20-30 is an integrated academic program that helps students better understand and apply fundamental concepts and skills common to biology, chemistry, physics and the Earth Sciences. The focus is on helping students understand the scientific principles behind the natural events they experience and the technology they use in their daily lives. Students will be encouraged to develop positive attitudes that support the responsible acquisition and application of knowledge related to science and technology. Successful completion of Science 20, Biology 20, Chemistry 20, or Physics 20. There are no prerequisites for mature students.

Unit Topics and Evaluation





B	Chemistry and the Environment
C	Electromagnetic Energy
D	Energy and the Environment

A schedule of unit 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.

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 Science 30 mark.

School-Awarded Mark	Overall Weighting
Unit Assignments (4)	60%
Unit Tests (4) and Final Assessment *Final assessment mark may replace lowest unit test mark.	40%

Study Sheet
In addition to their formula sheet, students are permitted access to a single-sided, 8 ½ by 11 STUDY SHEET for each unit exam and the final assessment (<u>excludes the diploma exam</u>).

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.

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.

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Additional Expectations

Information and

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

