



Chemistry 20

Course Outline

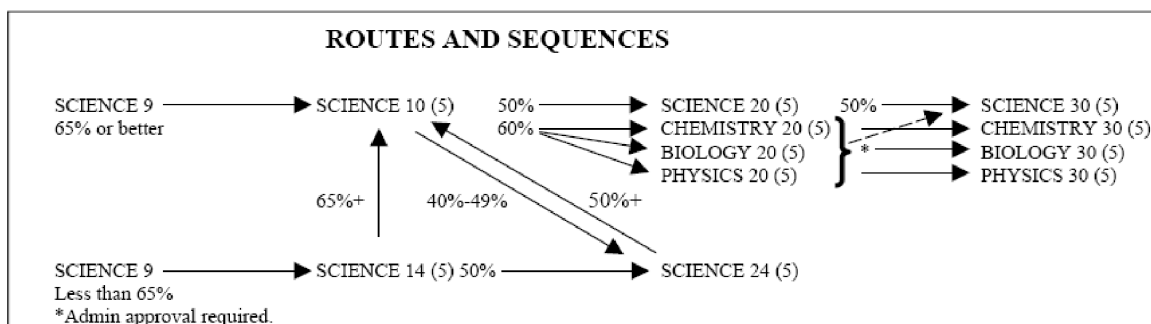
Chemistry 20 is offered as an **independent learning** course at the Learning Centres. Students can optimize their learning experience through in-person interactions, Google Meets, phone calls, texts, and email communication with their teacher. Throughout the duration of the course, teachers will collaborate 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 **Chemistry 20 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

Successful completion of Science 10. There are no prerequisites for mature students. A mature student, for Alberta High School Diploma purposes, is one who as of September 1 of the current school year, is 19 years of age or older; or the holder of a previously-awarded high school diploma from the province of Alberta; or an equivalent high school diploma from a jurisdiction acceptable to the Minister.



Unit Topics and Evaluation

The major themes allow connections to be drawn between the four units of this course and between all eight units in Chemistry 20-30. Chemistry 30 is composed of the following four units broken up into eight modules.



Unit Title	Percent Weighting	Module Number	Module Title
Unit A: The Diversity of Matter and Chemical Bonding	20%	1	Chemical Foundations
		2	Chemical Compounds
Unit B: Forms of Matter: Gases	16%	3	Behaviour of Gases
Unit C: Matter as Solutions, Acids and Bases	32%	4	Properties of Solutions
		5	Acids and Bases
Unit D: Quantitative Relationships in Chemical Changes	32%	6	Stoichiometry
		7	Chemical Analysis

School-Awarded Mark	Overall Weighting
Module Assignments (7)	40%
Module Tests (7)	30%
Final Exam	30%

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

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.

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.