

Chemistry 30 IB: Course Outline

Instructors: Mrs. Gabelmann

Resource Text: Inquiry into Chemistry, McGraw-Hill Ryerson. (2007)

Evaluation :

Teacher Awarded Mark:

Labs, Assignments, Quizzes	20%
Exams	80%

Course Content

Alberta Education Program of Studies

	Unit Name	Textbook References	Associated Exams (7 Exams in Total)
Unit A	Thermochemical Changes	Chapters 9,10, 11	Chapter 9 Exam Chapter 10/11 Exam
Unit B	Electrochemical Changes	Chapters 12,13	Chapter 12 Exam Chapter 13 Exam
Unit C	Organic Chemistry	Chapters 14, 15	Chapter 14/15 Exam
Unit D	Chemical Equilibrium and Acid Base Systems	Chapters 16, 17	Chapter 16 Exam Chapter 17 Exam

IB Program of Studies

Option D: Medicines and Drugs
Option E: Chemical Industries
Group 4 Project

Your final mark in Chemistry 30 will be calculated as follows:

Teacher Awarded Mark	50%
Diploma Exam Mark	50%

The IB Chemistry exam will take place on May 9 and 10. After the IB exam we will complete the Alberta Education Program of Studies and prepare for the diploma exam. 0

Lab Policy

All students are responsible for acquiring and wearing personal protective equipment (PPE) in the science laboratory. PPE includes safety glasses, an apron, and rubber gloves. If you did not keep your PPE from Science 10, you will need to purchase a new set for \$5.00. PPE should be kept in its labeled ziplock bag in the classroom when not in use. All equipment is required for all Chemistry 30 labs.

Long hair must be tied back. Closed toed shoes must be worn; sandals are **not permitted**. Those students who do not wear their safety equipment will not participate in the lab and will not receive a grade until the lab is completed.

If you break any equipment, while in the course of a laboratory, you **will be charged** for the replacement of that equipment. Students are expected to exercise careful laboratory technique while performing any experiment.

Academic Behavior Policy

Assignments

Assignments are designed to help develop understanding of a topic, and are an opportunity for a student to demonstrate their knowledge and understanding. Assignments are carefully planned to help reinforce concepts that are taught in class, which means that they are most effective in enhancing learning when they are completed in a timely manner. To this end, it is important that assignments are handed on their due date. This allows the teacher to mark the assignment and provide feedback to the student. If you are unable to complete an assignment for the due date, you should speak to your teacher as soon as possible.

The following procedure will be in place for late assignments:

- 1) Students may hand in late assignments without penalty up until the day that the corrected assignment is handed back to students.
- 2) A student that has not submitted an assignment by the time it is passed back to the other students will still have an opportunity to complete the assignment and hand it in. However, the assignment must be completed in front of the teacher. The opportunity to complete these late assignments will be at lunch on Tuesday and Wednesday. Students should be prepared to spend their lunch-hour in the classroom working.
- 3) Students who have started, but not completed an assignment should hand in the work that they have done to the teacher on the day that corrected assignments are passed back. The student should indicate to the teacher that they wish to complete the assignment during a lunch hour.
- 4) The final deadline for submitting late assignments for a particular unit will be set by the teacher. It will usually coincide with the date of the unit exam.
- 5) Communication regarding late assignments will be done through PowerSchool, so it important to regularly check your marks.

Exams

Exams dates are set for the end of each unit. Students who miss an exam for any reason will be required to attend a tutorial session before writing a make-up exam. The date of the make-up exam will be set ahead of time. Students who miss the mandatory tutorial session or the make-up exam for any reason will receive a mark of zero for that exam. At the end of the semester the student will have the opportunity to write a replacement exam, and the mark on that exam will replace the zero for the missed unit exam.