



École Archbishop MacDonald Catholic High School

Cours Chimie 30

Année 2026-2027

Terme Semestre 1

Enseignant(e)(s) Sarango Loayza, Dalton dalton.sarangoloayza@ecsd.net

Ressources Jenkins, F. (2007). *Nelson Chimie: Alberta 20-30*. Nelson Education.

Programme d'études [LINK](#)

Sommaire du cours

Unité A: Transformations thermochimiques : L'élève étudie l'énergie dans le contexte des transformations chimiques, quantifie l'énergie qui entre en jeu dans les systèmes thermochimiques, et analyse les différents aspects de l'utilisation de l'énergie dans la société.

Unité B: Transformations électrochimiques: L'élève étudie les transformations électrochimiques et analyse les transformations de la matière et de l'énergie dans un système.

Unité C: Transformations chimiques des composés organiques: L'élève étudie les composés organiques courants et décrit leurs propriétés et réactions. Il découvre le rôle important que joue la chimie organique dans les applications technologiques et l'amélioration de la qualité de la vie.

Unité D: Équilibre chimique axé sur les systèmes acide-base: L'élève étudie le concept selon lequel une transformation chimique finit par atteindre un état d'équilibre, puis sur le traitement quantitatif des systèmes de réactions comportant des solutions acide-base.



IB Philosophy

MAC's courses use the IB philosophy to encourage the holistic development of all students. The Learner Profile and Approaches to Teaching and Learning are used at all levels so that students develop a better understanding of curriculum objectives. We will focus on the Learner Profile for THINKERS because we use critical and creative thinking skills to take action on complex problems. We will focus on the Approaches to Learning skill THINKING because we emphasize skills such as reflection and critical thinking as well as posing problems, decision making, being reasonable, creativity, risk taking, and others.

Évaluation

The Diploma Exam is worth 30% of the final grade. The school awarded mark is worth 70% of the final grade and is based on category weightings as follows:

Unité A – 20%

Unité B – 30%

Unité C – 20%

Unité D – 30%

The code NHI may be used to represent coursework that has not been handed in. It is representative of a zero. In addition, the following may appear for a student in PowerSchool instead of, or in addition to, a numeric grade:



Standards



Has Description



Has Comment



Collected



Late



Missing



Exempt from
Final Grade



Absent



Incomplete



Excluded

Disclaimer

A wide range of assessment information is used in the development of a student's final grade. At Archbishop Macdonald Catholic High School, individualized assessments provide specific information regarding student progress and overall performance in class. Student assessment may vary from student to student to adapt for differences in student needs, learning styles, preferences, and paces. It should also be noted that not all assignments are used to determine the final grade, and that scale factors may have been used to determine the weight of individual assignments.

Personal Mobile Device Standards

Mobile Devices and Social Media Use:

- Personal mobile devices are to be silenced or turned off and stored in the student's assigned locker during the day, which must be locked.
- No personal mobile devices are to be used during the day except for at lunch.
- No social media is to be accessed during the school day.
- The standards for Personal Mobile Devices includes cell phones, SMART watches, earbuds, and headphones

Non-compliance with the standards will result in consequences of a suspension or loss of privileges such as participation in school trips, or activities, sports teams, and extracurricular activities.

Expectations

Unexcused absences and/or lates are unacceptable and may have a negative effect on the grade. Missed coursework may be expected to be completed and may be scored as zero or NHI until submitted (see disclaimer).

**Student
Handbook**

[LINK](#)

**Academic
Integrity**

[LINK](#)

