Winter 2022

Chemistry 1010, 1050 and 1051

Information for Students Enrolling in First Year Chemistry

1. *LABORATORY SAFETY TRAINING*
   SC 1807 and SC 1808 – Please see https://www.mun.ca/science/students/science_1807_and_1808.php

2. *INTEGRITY 100A /B* - Please see *https://www.mun.ca/advice/academic_integrity.php*

3. *ACADEMIC MISCONDUCT*
   Cheating is not permitted. The act of cheating includes, but is not limited to, the copying of lab materials and assignments from previous or current years, or using unreferenced information in a lab write up, paper, or presentation. *University regulations pertaining to cheating are found in the university calendar in section 6.12 (***https://www.mun.ca/regoff/calendar/sectionNo=REGS-0748***).***

4. *THE COURSES, TEXTS AND MANUALS*
   Courses: Chemistry 1050/1051 are excellent preparation for all programs requiring first year chemistry. Chemistry 1010 must be completed by students who do not meet the prerequisite for Chemistry 1050.

   Chemistry 1010 and Chemistry 1050/1051 Text: Chemistry: *"A Molecular Approach" by Nivaldo J. Tro, Travis D. Fridgen, Lawton E. Shaw***, 3rd Canadian Edition.**

   A solutions manual is available for this text. Students planning to continue Chemistry courses beyond first year should keep the textbook as it provides good coverage of some of the earlier parts of second year Chemistry courses. Texts are available online from the **University Bookstore** website.

   Chemistry 1010, 1050 and 1051 lab manuals are available on Brightspace.

5. COURSE OUTLINES
   Course outlines are available at https://www.mun.ca/chem/undergraduates/courses/

6. STUDENT LABORATORY REPORTS
   Report sheets are provided through Brightspace. You will fill in the collected data, do the calculations and answer the required questions on the sheets provided. Labs will be conducted virtually using online simulations. Reports are to be typewritten in the template provided and submitted through your course Brightspace page. Virtual lab experiments will be held weekly.

7. CHEMISTRY HELP CENTRE
   The Chemistry Help Center (CSF-2346) is on the second floor of the Core Sciences Facility. The staff provide one-on-one assistance with labs as well as theory and problems related to your chemistry course. Study desks are provided; however, due to space limitations, we must restrict their use to the study of Chemistry. DROP BY AND LOOK AROUND.

8. CALCULATORS
   A scientific calculator is essential in laboratories, class tests and examinations. Programmable calculators and calculators with "built in" libraries are **NOT** permitted in class tests and final exams. If you are unsure as to whether or not a particular calculator is permissible, check with your instructor.

9. ATTENDANCE
   (a) **Policy on missed tests/assignments/quizzes/labs and other methods of evaluation**.
   Students who miss a term test, a lab, a quiz or the deadline for an assignment must notify their course/lab/tutorial instructor via email ***(using the MUN email system (not Brightspace)*** that they were ill or give another acceptable reason **within one week** of the original date of the term test, lab, quiz or assignment deadline date.

   University regulations pertaining to missed final examination are found in the university calendar in section 6.8.2 (https://www.mun.ca/regoff/calendar/sectionNo=REGS-0628***).***

   Laboratory Waivers for First-Year Courses
   Lab waivers will be granted to those who have already completed the course and have a ***laboratory grade of 65% or better*** **with NO unexcused absences** on the lab component of the course. Labs grades for lab waiver requests can only carry forward for two academic years. If you choose not to

repeat the laboratory part of the course you must apply for permission using the application form on the chemistry department's website.

https://www.mun.ca/chem/ or https://www.mun.ca/chem/undergraduates/forms/

Applications **will not be accepted** after 5:00 p.m. on **Friday, February 14, 2021**.

IMPORTANT NOTICE

Lab waivers **will not** automatically be granted. **Processing your lab waiver will depend on the number of first time students and the classroom capacity.** Students granted a lab waiver must register for the **lecture-only section** of the course. Directions for how to register for the lab waiver section will be sent by email to each student granted a lab waiver. **If you are currently registered in a lab section, failure to drop the lab section will mean that you are expected to complete the labs**.

Students who have waived labs are still required to attend tutorials at the scheduled times if there is one.

(b) **Evaluation**

The instructor will provide this information to the student during the first week of classes.

Mark requirements for first-year chemistry courses.

50% *is the minimum mark for a passing grade. However, students must also* ***obtain both a minimum of 40% on the final exam and 50% in the laboratory portion of the course****. If both requirements are not met, then regardless of term performance, a student will not receive a passing grade. If the calculated grade would be greater than 50%, a student will instead receive a grade of "FAL". There are* ***NO supplementary exams*** *for Chemistry courses.*

Timetable Problems

Students with timetable problems involving their Chemistry courses should consult the Academic Program Officer (chemapo@mun.ca).

PREREQUISITES FOR 2ND YEAR COURSES

Chemistry 2210: Science 1807 & Science 1808; minimum 60% in CHEM 1051 or a minimum 60% in either CHEM 1001 or the former CHEM 1031; Mathematics 1000.
Chemistry 2100: Science 1807 & Science 1808; minimum 60% in CHEM 1051 or a minimum 60% in either CHEM 1001 or the former CHEM 1031
Chemistry 2301: Science 1807 & Science 1808; minimum 60% in CHEM 1051 or a minimum 60% in either CHEM 1001 or the former CHEM 1031; Mathematics 1001. Physics 1051 or Physics 1021 is recommended.
Chemistry 2302: Science 1807 & Science 1808; minimum 60% in CHEM 1051, or a minimum 60% in either CHEM 1001 or the former CHEM 1031; Mathematics 1001 and Physics 1051 or Physics 1021.
Chemistry 2400: Science 1807 & Science 1808; a minimum 60% in CHEM 1051, or CHEM 1010 and 1011 with a grade of at least 80% in each; or CHEM 1011 with a grade of at least 85%; or CHEM 1001 (or the former 1031) with a grade of at least 60%.
Chemistry 2401: Science 1807 & Science 1808; CHEM 2400

Declaring a Major in Chemistry

Students interested in declaring a Chemistry major or requiring advice should contact the Academic Program Officer (chemapo@mun.ca) or Dr. Mike Katz (864-8745 or mkatz@mun.ca). Information about the department, its programmes and other material is available on the website at https://www.mun.ca/chem/. Students requiring further information about chemistry programs are advised to consult with Dr. Barry Power or Dr. Mike Katz.

Winter 2022 Relevant Dates

Thursday, January 6. Lectures begin for winter semester courses.

Thursday, January 6. Last day for students to pay fees for winter semester courses without incurring the late payment fee.

***Thursday, January 20*.** Last day to add winter semester courses. Last day to drop winter semester courses and receive a 100% refund of tuition fees.

***Thursday, January 27*.** Last day to drop winter semester courses and receive a 50% refund of tuition fees.

***Thursday, February 3*.** Last day to drop winter semester courses and receive a 25% refund of tuition fees. No tuition fees will be refunded for courses dropped after this date.

***Monday, February 21*.** Winter Semester Break begins at St. John's Campus and the Grenfell Campus.

***Monday, February 28*.** Lectures resume at St. John's Campus and the Grenfell Campus.

Thursday, March 3. Last day for students to drop winter semester courses without academic prejudice.

Friday, April 8. Lectures end for winter semester.

Wednesday, April 13. Examinations begin for winter semester.

Friday, April 15. Good Friday. No examinations.

Saturday, April 23. Examinations end for winter semester.

Thursday, April 28. Final grades released via Memorial Self-Service beginning at 5 p.m.