Fall 2017
Chemistry 1010, 1011, 1050 and 1051
Information for Students Enrolling in First Year Chemistry

1. **LABORATORY SAFETY TRAINING - SCIENCE 1807**

Provincial Health and Safety legislation requires that Memorial ensure the health and safety of its employees and students. All students enrolled in chemistry courses will be exposed to chemicals and therefore are required to complete Science 1807 (Safety in the Science Laboratory). Science 1807 is a non-credit course. No tuition is charged for this course.

Students must register for Science 1807 through Memorial Self-Service. Students can then access the course online through D2L using their my.mun.ca login ID. The course consists of a Safety and a WHMIS test. In order to successfully complete the course, a mark of at least 80% must be achieved on each of the two tests. Students who do not successfully complete Science 1807 by the end of the ADD period (Wednesday, September 20, 2017) will be de-registered from all their lab courses requiring it.

2. **Accommodations.** Memorial University is committed to ensuring an environment of understanding and respect for the dignity and worth of each student and also to supporting inclusive education based on the principles of equity, accessibility, and collaboration.

3. **INTEGRITY 100A/B**

All students entering First Year courses at MUN are required to complete a Integrity course which has two parts with the first part having to be completed in their first semester.

Integrity 100A will be available in July once you have registered for your courses for the Fall Term. You will have to successfully complete the course before you receive your assigned registration time for the Winter Term. Information about assigned registration time for the Winter Term is sent to your mun.ca email and should be available by the middle of October. Once information about your registration time has been made available, you will still have approximately six weeks to complete Integrity 100A before registration begins.

Integrity 100B will be available during your first semester after you have successfully completed Integrity 100A. You will have to successfully complete Integrity 100B before you receive your assigned registration time for the next term. The passing grade for the course is 80% and a grade of PAS will appear on your transcript upon successful completion of the course.

4. **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. If you are caught cheating, the first incident will be forwarded to the Head of Chemistry for a resolution. If you are found guilty at the Departmental level, the penalty is usually a zero on the work in question as well as a letter of reprimand copied to the registrar describing the incident and the resolution, and will be kept on file. In the event of a second offence, the incident will be directed to SCUGS (which can also happen on the first offence). An incident which is resolved by SCUGS usually result in harsher penalties such as reduction of your mark for the course, probation, suspension, or expulsion. Note that the Senate Committee on Undergraduate Studies (SCUGS) resolves all offences that involve allegations of impersonation, submission of forged documents, or academic misconduct on exams or works in excess of 20% of the grade.

5. **THE COURSES, TEXTS AND MANUALS**

**Courses:** Chemistry 1050/1051 are excellent preparation for all programs requiring first year chemistry. Chemistry 1010/1011 currently satisfy the requirements for some programs. Chemistry 1010 can be used as a prerequisite for students who do not meet the prerequisite for Chemistry 1050.
**IMPORTANT**

Students who take Chemistry 1010/1011 and change to a program which requires Chemistry 1050/1051 will be required to take both courses. Students who pass Chemistry 1050 and who decide to take Chemistry 1011 to complete their program instead of Chemistry 1051 will be required to take Chemistry 1010.


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 from the University Bookstore located in the Student Centre.

Chemistry 1010, 1011, 1050 and 1051 lab manuals are available on D2L.

6. COURSE OUTLINES

Course outlines are available at http://www.mun.ca/chem/Undergraduate_Students/Courses/

7. STUDENT LABORATORY REPORTS

Report sheets are provided through D2L. You will fill in the collected data, do the calculations and answer the required questions on the sheets provided. You should do the Pre-Lab exercises (where they are provided) before attempting to do the lab. The Pre-Lab exercises will be marked and included as part of the laboratory assessment.

8. SAFETY GLASSES

All students MUST wear eye protection during laboratory classes. Those students who do not wear prescription glasses must wear safety goggles. Students who wear prescription glasses must wear goggles over their glasses. Contact lenses (with or without safety glasses) must NOT be worn in the laboratories under any circumstances.

9. CLOTHING

Knee length approved fire-retardant lab coats are required. They may be purchased at the University Bookstore.

Refer to the Chemistry (Teaching) Laboratory Safety – Personal Protective Equipment (PPE) and Clothing Regulations available on D2L.

10. RESOURCE ROOM AND CHEM FIRST-YEAR HELP CENTRE

The Chemistry Resource Room (C2010) and First-Year Help Center (C2022) are on the second level of the Chemistry/Physics Building. 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.

11. 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.

12. 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 D2L)) 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.
IMPORTANT – MISSED FINAL EXAM POLICY

For a student who is prevented from writing a final examination by illness, bereavement or other acceptable cause, duly authenticated in writing, the application to defer this examination should be made via telephone or in writing through the student’s University approved e-mail account to the head of the academic unity (or delegate) and the course instructor. This application should be made in advance of the examination wherever possible, but no later than 48 hours after the original date of the examination. If application is made by telephone, written confirmation must then be received by the head of the academic unit (or delegate) within seven calendar days of the original date of the examination. The following supporting documentation is required:

- For illness or medical conditions, medical documentation from a health professional is required. Students should provide the health professional with a copy of the Student Medical Certificate (http://www.mun.ca/regoff/STUDENT_MEDICAL_CERTIFICATE.pdf).
- For bereavement or other acceptable cause, official documents or letters that support the reason for the request (e.g. death certificate, letter from employer, etc.) are required.

A student who is scheduled to write three final examinations which BEGIN and END within a twenty-four-hour period may request to write a deferred examination. Normally, only the SECOND examination in the twenty-four-hour period may be deferred. The application to defer this examination should be made in writing to the Deputy Head, Undergraduate Studies. It should be submitted as soon as possible after the release of the final examination schedule, and in any case no later than two weeks before the end of the semester.

LABORATORY ATTENDANCE IS COMPULSORY

Chemistry 1050 and 1051 - Missing more than TWO laboratory sessions will result in an automatic failing grade (maximum of 49%) in the course, regardless of the marks achieved in non-laboratory components of the course.

Chemistry 1010 and 1011 - Missing more than ONE laboratory sessions will result in an automatic failing grade (maximum of 49%) in the course, regardless of the marks achieved in non-laboratory components of the course.

Students who play varsity sports MUST get a signed letter from their coach at least a week in advance of any sports-related absences. This allows the possibility of making up a missed lab with another lab session providing space is available in the lab.

Students with a documented reason for missing a lab may have the opportunity of making up the missed lab with another lab session providing space is available in the lab.

(b) 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 http://www.chem.mun.ca or http://www.chem.mun.ca/ugrad.php?content=forms

Applications will not be accepted after 5:00 p.m. on Friday, September 15, 2017.

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.
13. **PREREQUISITES FOR 2\textsuperscript{ND} YEAR COURSES**

**Chemistry 2210:** Science 1807; minimum 60% in CHEM 1051 or a minimum 65% in either CHEM 1001 or the former CHEM 1031; Mathematics 1000.

**Chemistry 2301:** Science 1807; minimum 60% in CHEM 1051 or a minimum 65% in either CHEM 1001 or the former CHEM 1031; Mathematics 1001. Physics 1051 or Physics 1021 is recommended.
**Chemistry 2302**: Science 1807; minimum 60% in CHEM 1051, or a minimum 65% in either CHEM 1001 or the former CHEM 1031; Mathematics 1001 and Physics 1051 or Physics 1021.

**Chemistry 2400**: Science 1807; 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 65%.

**Chemistry 2401**: Science 1807; CHEM 2400

**Chemistry 2440**: Science 1807; CHEM 1051 or a minimum 60% in CHEM 1001. **May not be used for credit by Chemistry or Biochemistry Majors and is not a prerequisite for any other Chemistry course.**

**Declaring a Major in Chemistry**

Students interested in declaring a Chemistry major or requiring advice should contact the Deputy Head, Chemistry Undergraduate Studies (Dr. Christopher Flinn, C4014 or 864-7911 or cgflinn@mun.ca). Information about the department, its programmes and other material is available on the website at http://www.mun.ca/chem/.

Students requiring further information about chemistry programs are advised to consult with Dr. Christopher Flinn, C4014.

**Fall 2017 Relevant Dates**

**Wednesday, September 20**. Last day to add fall semester courses. Last day to drop fall semester courses and receive a 100% refund of tuition fees.

**Wednesday, September 27**. Last day to drop fall semester courses and receive a 50% refund of tuition fees.

**Wednesday, October 4**. Last day to drop fall semester courses and receive a 25% refund of tuition fees. No tuition fees will be refunded for courses dropped after this date.

**Monday, October 9**. Thanksgiving Day. **No lectures.** Fall Semester Break begins at St. John’s Campus and the Grenfell Campus.

**Wednesday, October 11**. Lectures resume at St. John’s Campus and the Grenfell Campus. Lectures will follow the **Monday schedule** on this day only.

**Thursday, October 12**. Lectures will follow the **Tuesday schedule** on this day only.

**Wednesday, October 25**. Last day for students to **drop** fall semester courses **without academic prejudice**.

**Friday, November 17**. Lectures will follow the **Monday schedule** on this day only.

**Friday, December 1**. Lectures end for fall semester courses.

**Wednesday, December 6**. Examinations begin for fall semester courses.

**Friday, December 15**. Examinations end for fall semester courses.

**Wednesday, December 20**. Final grades released via Memorial Self-Service beginning at 5 p.m.

**IMPORTANT:** Students wishing to move from **Chemistry 1050 to Chemistry 1010** **MUST** do so by **Wednesday, September 20** providing that there are seats available in Chemistry 1010.