

**Spring 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 Science Lab). In order to have access to the online course, students must register for Science 1807 through Memorial Self-Service. No tuition is charged for this course. **Note: Science 1807 should be completed prior to your first lab session the week. Students who have not completed Science 1807 will be deregistered from the course.**

2. *INTEGRITY 100A /B*

All students entering First Year courses at MUN as of this September 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 starting October 1st and after you have successfully completed Integrity 100A. You will have to successfully complete 100B before you receive your assigned registration time for the Spring Term (or the following Fall Term should you not plan on taking courses during the Spring semester).

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. 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.

4. *THE COURSES, TEXTS AND MANUALS*

**Courses:** Chemistry 1050/1051 are excellent preparation for all programs requiring first year chemistry. Chemistry 1010/1011 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. ***Please note that 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.***

**Chemistry 1010, Chemistry 1011, Chemistry 1050 and Chemistry 1051 Text:** *Chemistry: "A Molecular Approach"* by Nivaldo J. Tro, Travis D. Fridgen, Lawton E. Shaw, **2<sup>nd</sup> Canadian Edition.**

A solutions manual is available for these texts. 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.**

## 5. COURSE OUTLINES

Course outlines are available at <http://www.chem.mun.ca/ugrad.php?content=courses>

## 6. 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.

## 7. 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.**

## 8. 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.

## 9. RESOURCE ROOM

The Chemistry Resource Room (C2010) is 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.**

## 10. 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.

## 11. 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**

Students who are prevented from writing a final examination by acceptable cause may apply for a deferred examination. Students must apply for a deferred examination using the appropriate online form (<http://www.chem.mun.ca/internal.php?content=forms/deferred>) within **one week** of the original date of their examination. They must also provide **sufficient documentation** to the chemistry department in order to qualify for a deferred examination.

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. Please note **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.**

## **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**

You are not required to repeat the laboratory portion of Chemistry 1010, 1011, 1050 or 1051, if you have taken the course within the most recent six semesters and received a lab mark of 65% or better with NO unexcused absences. 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 at <http://www.chem.mun.ca/ugrad.php?content=forms>

Applications **will not be accepted** after 5:00 p.m. on **Friday, May 19, 2017**.

**Note: Processing your lab waiver will depend on the number of first time students and the classroom capacity.** Students granted a waiver must register for the **lecture-only section** of the course. Directions for how to do this will be sent by email to each student granted a lab waiver.

*Students granted a lab waiver must still **COMPLETE THE COURSE TUTORIAL** if there is one.*

### (c) **Laboratory Sessions**

All first-year labs begin on **Monday, May 15, 2017**. Students are expected to have obtained a copy of Experiment 1 provided through D2L, lab coat and safety glasses for their first laboratory. Read the laboratory regulations on D2L.

### (d) **Tutorial Sessions**

Chemistry 1010 and 1011 students are required to **attend all tutorials**. These tutorials take place in alternate weeks of their scheduled lab.

### (e) **Evaluation**

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

#### **IMPORTANT NOTICE**

Students will be required to show their MUN ID card to an invigilator in order to be allowed to write their final exam. A student who fails to do so **must sign a form** provided for this purpose and bring their MUN ID to their course instructor by 5 p.m. the next day. At this point, the student will be required to sign the form a second time. Failure to do so will result in an exam mark of zero and an incident report will be sent to the Head of the chemistry department. Further action may be taken.

#### **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, the maximum mark that can be awarded for the course is **49%**. There are **NO supplementary exams** for Chemistry courses.

### Departmental policy for cancelled term tests and labs.

*Term tests/labs cancelled for reasons such as the closure of the university due to a snow storm or a fire alarm going off are automatically scheduled for the **next lecture/lab period of the course.***

Check for changes in the lab schedule on the bulletin board outside C4009 or at [www.chem.mun.ca](http://www.chem.mun.ca).

(f) **Class Tests**

Students are required to produce their MUN ID during class tests if asked by an invigilator. A student who fails to do so **must sign a form** provided for this purpose and bring their MUN ID to their course instructor by 5 p.m. the next day. At this point, the student will be required to sign the form a second time. Failure to do so will result in **a test mark of zero** and an incident report will be sent to the Head of the chemistry department. Further action may be taken.

(g) **Timetable Problems**

Students with timetable problems involving their Chemistry courses should see Dr. Christopher Flinn, Deputy Head, Chemistry Undergraduate Studies, in C4014 (or phone: 864-7911 or email: [cgflinn@mun.ca](mailto:cgflinn@mun.ca)).

## 12. PREREQUISITES FOR 2<sup>ND</sup> YEAR COURSES

**Chemistry 2210:** Science 1807; minimum 60% in CHEM 1051 (or CHEM 1001 or the former CHEM 1031); Mathematics 1000

**Chemistry 2301:** Science 1807; minimum 60% in CHEM 1051 (or 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 CHEM 1001 or the former CHEM 1031), Mathematics 1001 and Physics 1051 or Physics 1021.

**Chemistry 2400:** Science 1807; CHEM 1050 and CHEM 1051, or the former CHEM 1031; or CHEM 1010 and CHEM 1011 with a grade of at least 80% in each; or CHEM 1011 with a grade of at least 85%; or CHEM 1001 with a grade of at least 65%.

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

**Chemistry 2440:** Science 1807; CHEM 1011 (or CHEM 1001 or CHEM 1051). **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](mailto: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.

## ***Spring 2017 Relevant Dates***

**Monday, May 15.** Last day to add Intersession semester courses. Last day to drop Intersession semester courses and receive a 100% refund of tuition fees.

**Thursday, May 18.** Last day to drop Intersession semester courses and receive a 50% refund of tuition fees.

**Monday, May 22\*.** Last day to add 14-week Spring Semester courses. Last day to drop 14-week Spring Semester courses and receive a 100% refund of tuition fees. Last day to drop Intersession semester courses and receive a 25% refund of tuition fees. No tuition fees will be refunded for courses dropped after this date.

**Monday, May 29.** Last day to drop 14-week Spring Semester courses and receive a 50% refund of tuition fees.

**Thursday, June 1.** Last day for students to drop Intersession courses without academic prejudice.

**Monday, June 5.** Last day to drop 14-week Spring Semester courses and receive a 25% refund of tuition fees. No tuition fees will be refunded for 14-Spring Semester courses dropped after this date.

**Friday, June 16.** Lectures end for Intersession courses.

**Monday, June 19.** Examination begin for Intersession courses. Semester break begins for 14-week Spring Semester courses.

**Wednesday, June 21.** Examination end for Intersession courses.

**Thursday, June 22.** Lectures resume for 14-week Spring Semester courses.

**Monday, June 26\*.** Last day for students to drop 14-week Spring Semester courses without academic prejudice.

**Tuesday, June 27.** Final Intersession grades available via Memorial Self-Service beginning at 5 p.m. Note that printed grade reports are not mailed to student.

**Monday, July 3\*.** Memorial Day Holiday.

**Saturday, July 15.** Deadline to apply to graduate at the 2017 Fall Convocation. Applications received after this date will be processed as time and resources permit.

**Friday, August 4.** Lectures end for 14-week Spring Semester courses. Lectures will follow the Monday schedule on this day only.

**Monday, August 7.** Examinations begin, 14-week Spring Semester.

**Saturday, August 12.** Examinations end for 14-week Spring Semester courses.

**Thursday, August 17.** Final Spring Semester grades released via Memorial Self-Service beginning at 5 p.m. Note that printed grade reports are not mailed to students.

***\*As May 22, June 26, July 3 and July 10 are holidays for administrative staff, the Office of the Registrar will be closed on those days. Therefore, for courses which cannot be added or dropped via Memorial Self-Service, course change forms will be processed on the next business day without financial penalty.***