

**Introductory Chemistry I (CHMA10H)**  
**Winter 2011**  
**University of Toronto at Scarborough**

Welcome to CHMA10! This course will provide an introduction to the study of chemical transformations of matter from both a macroscopic and microscopic perspective. To be enrolled in this course you must have previously completed senior-level chemistry in high school (SCH4U or its equivalent) or have permission of the course instructor.

Please take a few minutes to read through this document. It contains important information which will help ensure your success in this course.

*Staff:*

**Instructor:**

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Office Hours: Monday, Wednesday, Friday 9 am -10 am

**Lab Manager:**

Scott Ballantyne  
SW155C  
416-287-7220  
Email: [sballant@utsc.utoronto.ca](mailto:sballant@utsc.utoronto.ca)

the Mastering Chemistry access code or Stand-alone MasteringChemistryPlus access code(see below).

***Website:***

CHMA10 maintains a Blackboard web space which

Complete the requested account information page. **Make sure that the name you enter is the same as the name on file with ROSI.** Under School Name, select University of Toronto - Scarborough.  
Click on Login Now and follow the instructions above to enroll in the Mastering Chemistry account for this course.

Assignments will be released every Wednesday evening and will be available until the following Wednesday. Attachments will be available until the following Wednesday.

### **Lab Schedule:**

Laboratory periods are three hours in length and run every other week. Odd numbered practicals (PRA0001, PRA0003 etc.) begin the week of January 14<sup>th</sup>.2013 Even numbered practicals (PRA0002, PRA0004 etc.) begin the week of January 21<sup>st</sup> 2013.

### **Lab Manual and Notebook:**

A lab manual must be purchased from the UTSC Bookstore before your first lab. You may **NOT** use a lab manual from a previous semester: the experiments and course requirements will be different. Students will be required to purchase their own lab notebook. The book must be hard-cover, permanently bound (not spiral or loose leaf) with the approximate dimensions 8.25" x 10.5" inches. They can be purchased at the UTSC bookstore; however students are free to purchase their books at a merchant of their choice (so long as they meet the above requirements)

**DO NOT** wait to purchase your lab manual as it contains a host of important information:

- Lab Schedules and other important dates
- Late and absence policies
- Rules regarding safety
- Appropriate attire for the labs
- Marking schemes
- Guidelines on how to properly prepare for the lab

The bookstore **DOES NOT** stock enough lab manuals for everyone. If they run out, you **MUST** preorder a copy through the bookstore – this takes time. Failure to adhere to the rules and policies outlined within the lab manual will adversely affect your lab mark – in some instances the impact will be severe.

### **Lab Safety:**

Safety in the laboratory is an extremely important element in the chemistry program at this University. Failure to follow safe practices can cause laboratory accidents which may result in the loss of time, damage to clothing, and other property, and most importantly personal injury. By following suitable precautions, you can anticipate and prevent situations that would otherwise lead to accidents.

You will be required to enroll in the **U of T WHMIS online course (EHS005)** accessible through the Portal website using your UTORid. Instructions on how to access the course will be posted on the CHMA10 blackboard site. You will be expected to watch the video (approximately 30 minutes long) and take a multiple choice quiz on the material you just learned. **You must obtain 80% on the quiz to pass the WHMIS course.** You will be required to print off your quiz results and present them to your TA before you will be allowed to enter the lab.

### **Safety Equipment:**

Students will be required to purchase safety goggles (mandatory), safety glasses (optional) and a lab coat (mandatory) before attending their first lab. This year, only specific eyewear models will approved for student use:

**Safety Goggles - Uvex Stealth OTG model# S3970DF**  
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Learning is also available to support this course. The FSG program is designed to enhance the student experience, reduce attrition, and help students succeed in historically difficult courses. Detailed information about FSG is available online (<http://ctl.utsc.utoronto.ca/home/fsg>). Please note that tutors in CAC and FSG will NOT give out answers to any graded homework or lab assignments.

***Calculators:***

Only non-programmable, non-communicating calculators are allowed in tests and exams for this course (both lecture and lab). The following specific models available at UTSC book store are recommended for both CHMA10 and CHMA11:

Texas Instruments:	TI-30X IIS (SKU# 10048306)
Sharp:	EL-520WB (SKU# 10048016), EL-531WB (SKU# 10047965), EL-546WB (SKU# 10047880)
Casio:	FX-260 (SKU# 10009994)

Invigilators have the authority to check calculators during the tests and exams. Students who have illegal calculators confiscated during a test/exam will be supplied with an allowed calculator but an immediate penalty of 10% will be imposed for that test/exam. Students without a calculator will also

## Gases (Chapter 5)