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Welcome to CHMA10! This course will provide an introduction to the study of chemical properties and 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 you to succeed in this course.

Staff:

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Professor Dr. Heinz-Bernhard Kraatz: SW647, Email: bernie.kraatz@utoronto.ca
 – Office Hours, September 3rd – October 17th, Mon and Wed 4:00-5:30 pm in SW647
 Professor Dr. Xiao-an Zhang: SW511, Email: xazhang@utsc.utoronto.ca
 – Office Hours, October 20th – December 2nd, Mon and Wed 4:00-5:30 pm in SW511

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Dr. Scott Ballantyne: Room Number SW155C, Email: sballant@utsc.utoronto.ca
 – Office Hours: TBA

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slides, handouts, assigned readings, suggested end-of-chapter problems, and links to some useful outside resources.

Accessing WebOption Lecture Videos

WebOption lecture videos can be accessed at the Blackboard via the "Lecturecasts" link.

Term Test – 25% of final grade:

There will be a 100-minute term test around the middle to end of October which will count as 25% of your final grade. This test will be written outside of class time. The exact date, time and location will be announced as soon as this information is made available from the registrar.

Policy on Missed Tests:

This course will not have any make-up tests. Should you miss the term test due to a legitimate reason, you must submit appropriate documentation *within one week of your absence*. If the reason is medical, an official UTSC medical form should be downloaded from http://www.utsc.utoronto.ca/~registrar/resources/pdf_general/UTSCmedicalcertificate.pdf and completed by your doctor. ***If no acceptable documentation is received, you will receive a grade of zero for that test.***

With a validated absence, the value of the missed test will be added to your final exam. Please note that in UTSC Calendar it states: "You cannot petition to withdraw from a course on the grounds that no work was returned to you before the last day to withdraw without academic penalty if this is the result of your having been given an extension to complete your work for reasons relating to you and not the rest of your class."

Final Examination – 45% of final grade:

There will be a 3-hour, *cumulative* exam. The exam will be held in the lecture hall.

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

The bookstore **FQGU" PQV"** stock enough lab manuals for everyone. If they run out, you **OWUV"** 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.

In addition, 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).

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Lab skills seminars are designed to help students prepare for their upcoming laboratories. The sessions will introduce students to important laboratory techniques (and explain why they are important) and discuss other important topics including safety and lab notebook preparation. There will be two sessions held each week; the first week will be for students registered in odd numbered practical's, the following week will be for even numbered practical's (*the same material will covered during each of the four biweekly sessions so it's recommended that students attend only one*). Please see the CHMA10H3F blackboard page for the up to date schedule.

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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. Students registered in CHMA10H3F will be automatically enrolled in the following course:

[Fall-2014-CHMB16H3-F-Fall-2014-CHMA10H3-F-Fall-20: UTSC Chemistry Workplace Hazardous Materials Information System](#)

As part of this course, students will be expected to watch a video (approximately 30 minutes long) and take a multiple choice quiz on the material you just learned. Students must obtain 80% on the quiz to pass the WHMIS course. In addition, students will be required to print off your quiz results and present them to your TA before you will be allowed to enter the lab.

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Students will be required to purchase approved indirect vented chemical splash safety goggles, and a lab coat before attending their first lab. These items can be purchased from both the Environmental and Physical Sciences Student Association (EPSA) and the Biology Student Association (BioSA) or through the bookstore. All safety eyewear must meet either ANSI Z87+

or CSA Z94.3 Standard for high impact protection (if you see one of those standards stamped on your eyewear somewhere then they meet that particular standard). As part of your ancillary fees, all CHMA10H3F students will be provided a pair safety glasses free of charge which can be worn during your quizzes and pre-lab discussion; however when the experiment begins, students will be required to wear their indirect vented chemical splash goggles.

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Further information regarding appropriate attire please see the guidelines outlined in your lab manual.

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Students taking CHMA10 will be assessed a \$25.00 ancillary fee which will cover the cost of chemicals, filter paper, Pasteur pipettes and other items consumed over the course of the lab.

fairness and responsibility and to protect you, the students within this community, and the value