



ORGANIC CHEMISTRY I
CHMB41H3
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To encourage participation and engagement with the material in class, you are required to have a clicker (iClicker) which can be purchased from the bookstore so that you can participate in the questions that will be presented periodically through the lecture. You will

[Email: loise.perruchoud@mail.utoronto.ca](mailto:loise.perruchoud@mail.utoronto.ca)

Office Hours (in SW-162): Wednesdays 1-2 pm. Please note that office hours are tentative and subject to change. Check blackboard for any update in office hours during the term.

Online Lectures:

For those students unable to attend the 1

Textbook: Organic Chemistry (7th Edition), Paula Yurkanis Bruice (same text as used in CHMB42H, CHMC47H, and sometimes CHMC41H & CHMC42H, to make it cost effective)

The text, a study guide and solution manual will be available, as a package through the UTSC bookstore. If you choose not to buy the study guide and solutions manual, you may use one of the several copies on reserve in the UTSC library.

Chapters: 1-13 (excluding chapter 12)

Recommended Study Guide and Solutions Manual

Molecular models :

You are *strongly encouraged* to purchase a molecular model kit from the UTSC bookstore (Flexible Molecular Model Kit, made by Darling Models). These will become an invaluable tool as the course progresses since several key topics require visualization and manipulations of compounds in three-dimensions. Note that each kit contains enough pieces that it could easily be shared by 2 (or even 3) students.

Extra Resources

a) *Facilitated Study Groups*

In this course, we will be offering Facilitated Study Groups (FSGs) through CTL. Facilitated Study Groups (FSGs) are weekly study sessions open to all students taking CHMB41, and who want to improve their understanding of course material, improve their study techniques, and improve their grade. Attendance is voluntary. In FSGs you'll compare notes, discuss important concepts, develop study strategies, and prepare for exams and assignments on course material. Course material is NOT re-lectured. FSGs are lead by a trained facilitator who has previously taken the course. Research shows that students who attend FSGs regularly can achieve better grades. A survey will be taken during the first week of class to determine the best days and times for most students, and then the FSGs will start (probably the second or third week of class). Those days, times, and session locations will be announced in class, posted on our course page, and at <http://ctl.utoronto.ca/home/fsg/>. Attend as many sessions as you want!

b) *Lab Skills Seminar*

An optional seminar will be held each week during which the upcoming lab will be discussed. New techniques will be demonstrated, including a review of how to set up the relevant sd 1 963(7si.42 Tm [(re)2 1 96umpv 311.139(b1 0 0 1 90.024> 1 63 f 311.139f.6(c)4(ours)] 1 63 f

c) *Chem Aid Center*

Volunteers will be available in the ChemAid Center in SW-221 to tutor and help you with any questions on course material. These are students who have taken several organic chemistry courses and have excelled in these courses. The days and times of their availability will be announced in class and on Blackboard once the schedules are finalized.

Laboratory Schedule

Odd numbered labs Sections PRA0001, PRA0003 etc. (week 1 students begin labs week of September 8th, 2014. Even numbered labs Sections PRA0002, PRA0004 etc. (week 2 students begin labs week of September 15th, 2014.

The laboratory component of CHMB41H is compulsory. In order to pass the CHMB41H course, students must pass the lab component of the course.

Changes to lab sections Any changes to your lab section can be made through ROSI *up until Fri Sept 5th*. After this date, the labs will be closed and no more changes can be made. IF you cannot make a lab section change due to it being full, you have to find another student willing to switch days with you, as the maximum capacity in each lab section is 16 students. Lab sections can be changed after the deadline only by contacting the lab coordinator and providing proper documentation for the change (i.e. lab/course conflicts shown on timetable, etc)

Medical Notes

If you are absent: report it to your TA by phone or e-

Please arrive *on time* for your labs and come *prepared*. The experiments are designed such that a *well-prepared* student can read over the procedure ahead of time and make sure that you understand each step, it will likely be difficult for you to finish your work on time. If you do not have the proper lab notebook writeup and preparation, you will not be allowed to perform the lab.

Lab Manual: This must be purchased from the UTSC Bookstore. Note, you may not use a lab manual from a previous year as many of the experiments are changed every year.

Lab Safety Videos All students registered for a lab section MUST watch the WHMIS training videos put on the course website on Blackboard and pass the quiz pertaining to the videos BEFORE being allowed to work in the labs. In order to access the WHMIS training video and quiz, follow the steps below:

1. Login to the Blackboard portal using your UTORid and access the CHMB41H course site
2. click on Community in the toolbar on the top right, click on Environmental Health and Safety > EHS005, then complete EHS005- WHMIS training
3. Once you have watched the course content, take the quiz. PLEASE NOTE YOU MUST OBTAIN AN 80% OR HIGHER ON THE QUIZ IN ORDER TO PASS IT
4. Email your completed quiz, with your name, student number and score (you can do a screenshot of your Blackboard page) to your lab TA AT LEAST 24 hours prior to your first lab period. Alternatively, you can print out your score on the quiz, with your student number and name on it, and bring to give to your TA on the first day of your lab; NOTE: IF YOU FAIL THE QUIZ OR FAILURE TO PROVIDE PROOF OF A PASS ON YOUR ONLINE SAFETY QUIZ MEANS YOU WILL NOT BE ALLOWED TO DO ANY LABS UNTIL YOU PROVIDE PROOF OF YOUR PASS TO YOUR LAB TA
5. Any labs missed due to handing in the safety quiz data late CANNOT be made up and you will forfeit the marks/credit for those labs.

Lab Coats: They are required. They may be purchased from most Hardware Stores or from the UTSC Bookstore. Make sure the lab coat is not a POLYESTER one.

Safety Glasses Safety glasses must be worn at all times in the lab. Students who do wear glasses should purchase a pair of goggles which must be worn over their glasses at all times. Contact lenses must not be worn in the laboratory. NO STUDENT WILL BE ALLOWED TO WORK IN THE LABORATORY UNLESS HE/SHE IS WEARING APPROVED EYE PROTECTION.

Be punctual: The introductory explanations for the experiments and/or quizzes will begin at 10 minutes past the hour.

Be prepared: Each student will be expected to have a good knowledge of the assigned experiment before entering the laboratory. It will be helpful to prepare a point-form pre-

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NOTE: In order to pass the course, you MUST pass the laboratory component and at least one of the midterm and final exam.

Online Grades

Individual grades will be posted on Blackboard as they become available. Please check these periodically to make sure that the posted grades match your own records. Any discrepancy should be reported immediately to the instructor or the lab coordinator, as appropriate.

No calculators, models, pagers, cell phones or other aids will be allowed during any quizzes, lecture tests or exams, unless announced previously.

Persons who miss a test or exam are expected to contact Dr. Fathi immediately. Documentation, which is the UTSC medical note,

7	6	Alkyne Reactions, Retrosynthesis, Intro to Multistep Synthesis
8	7	Electron delocalization, Resonance.

and/or resources accessed in the UTSC library and the computer labs are to be used for academic research, assignments, and course activities only.

Academic Integrity:

Academic integrity is one of the cornerstones of the University of Toronto. It is critically important both to maintain our community which honours the values of honesty, trust, respect, fairness and responsibility and to protect you, the students within this community, and the value of the degree towards which you are all working so diligently.

According to Section B of the University of Toronto's Code of Behaviour on Academic Matters <http://www.governingcouncil.utoronto.ca/policies/behaveac.htm> which all students are expected to know and respect, it is an offence for students to:

- x To use someone else's ideas or words in their own work without acknowledging that those ideas/words are not their own with a citation and quotation marks, i.e. to commit plagiarism.
- x To include false, misleading or concocted citations in their work.
- x To obtain unauthorized assistance on any assignment.
- x To provide unauthorized assistance to another student. This includes showing another student completed work.
- x To submit their own work for credit in more than one course without the permission of the instructor.
- x To falsify or alter any documentation required by the University. This includes, but is not limited to, doctor's notes.
- x To use or possess an unauthorized aid in any test or exam.

There are other offences covered under the Code, but these are by far the most common.