

CHEMISTRY 351
Organic Chemistry I
Summer 2014

Instructor: Dr. Tiffany Gierasch
Office: MEYR 125
Office hours: MW 1-3 and by appointment
Phone: 410-455-5781
Email: gierasch@umbc.edu
Lecture: TThF 8:50 am - 11:15 am University Center 115D (CASTLE)
Text: *Organic Chemistry* by David Klein, John Wiley and Sons, 2012

Important Notes: Prerequisites: CHEM 102 with a grade of C or better
 Corequisite: CHEM 351 is a corequisite for the lab course CHEM 351L; if you drop CHEM 351 you must also drop CHEM 351L

Learning Objectives

This is the first semester of a two semester introductory organic chemistry course. Detailed lists of specific skills that should be mastered in order to succeed in this course are available on the course blackboard site. We will cover chapters 1-13 of the textbook. Please note that the instructor reserves the right to omit or add to this at any time. Students will gain a strong foundation for further studies in chemistry and biochemistry. We will emphasize the development of critical thinking skills that are important beyond the field of chemistry.

Course Blackboard Site

This course has a blackboard site available at www.umbc.edu/blackboard. You are responsible for any and all information available on the blackboard site and it is expected that you will check it regularly. You may only access the on-line quizzes in WileyPLUS through the class Blackboard site.

E-Mail

All e-mails must include CHEM 351 in the subject line and your name in the body of the e-mail. Failure to provide this information may result in a delayed or no response. E-mails containing questions whose answers are available on Blackboard will not be answered. You are advised to send e-mails from your UMBC e-mail account - if you send an e-mail from another account it may not make it into Dr. Gierasch's inbox. If you do not get a response within 24 hours (excluding weekends), you should assume that your e-mail was not received.

If you do not use your UMBC e-mail account, it is highly recommended that you set up mail forwarding to the address that you use most frequently. All course-related e-mails will be sent to your UMBC address.

Grading

Final grades will be calculated as detailed below:

Exam 1	25%	Thursday, 6/12
Exam 2	25%	Tuesday, 7/1
Final Exam	25%	Thursday, 7/3
Clickers	15%	during every class
<u>Quizzes</u>	<u>10%</u>	<u>after every chapter</u>
Total	100%	

Final grades will be determined at the end of the course. Every student has the same opportunity to earn 100%. Students whose exam average is less than 50% will not be eligible for a C or better. The following grades are guaranteed:

A (90-100), B (80-89), C (65-79), D (55-64), F (0-54)

Schedule

<u>Week</u>	<u>Class</u>	<u>Sections to Read Before Class</u>
<u>1</u>	T, 5/27	1.1-1.13, 2.1-2.6
	Th, 5/29	2.7-2.12, 3.1-3.4
	F, 5/30	3.5-3.9, 4.1-4.11
<u>2</u>	T, 6/3	4.12-4.15, 5.1-5.5
	Th, 6/5	5.6-5.9, 6.1, 11.1-11.2
	F, 6/6	6.2-6.6, 11.3-11.7, 11.13
<u>3</u>	T, 6/10	6.7-6.10, 7.1-7.4, 7.7
	Th, 6/12	EXAM #1
	F, 6/13	6.11, 7.5-7.6, 7.8-7.9
<u>4</u>	T, 6/17	8.1-8.8, 8.11
	Th, 6/19	8.9-8.10, 8.12-8.14
	F, 6/20	9.1-9.6, 9.8, 11.10
<u>5</u>	T, 6/24	9.7, 9.9-9.13, 12.1-12.6
	Th, 6/26	10.1-10.11, 12.1-12.6
	F, 6/27	13.1-13.7, 13.9-13.10, 13.13
<u>6</u>	T, 7/1	EXAM #2
	Th, 7/3	FINAL EXAM

Exams

There will be two mid-term exams given during the course and a comprehensive final exam. Answer keys and grades for the mid-term exams will be posted on Blackboard. Please check that the posted score agrees with the score you have evaluated with your examination booklet and the key. It is your responsibility to make sure the Blackboard grade book is correct.

Electronic devices such as cell phones, pagers, music players, calculators, etc. are strictly forbidden during exams and must be turned off. No cell phones are permitted at your seat. If a cell phone is seen, the intent of cheating will be assumed and at a minimum you will receive a zero on the exam.

If you miss an exam because of a *documented University recognized excuse*, arrangements will be made to make-up the exam. You must provide documentation before taking the make-up exam. Unexcused absences will result in a grade of zero on the exam.

Turning Technologies "Clicker" Questions

You will be asked to respond to several questions during each class. You must have a Turning Technologies (TT) clicker to respond. You can purchase your TT clicker at the UMBC bookstore. If you are required to have a clicker in another class, you only need ONE clicker for all your classes. You must register your TT clicker through the course blackboard site. Students only need to register their clicker in blackboard one time no matter how many courses they are using it in. *The serial # is the 6 digit alpha-numeric code below the bar code. The code may include only 0-9 and A-F (not the letter "O" or the letter "I").* There is no additional registration fee.

There will be two types of **graded** questions asked in class.

- 1) **Reading Assessments:** These questions are intended to explicitly check your level of preparation for class. A correct answer is worth two points. Incorrect answers receive one point. These will be done without discussion
- 2) **Discussion Questions:** These questions are designed for student learning and engagement and will build upon the material in the reading. Any answer (correct or incorrect) is worth two points. Discussion is encouraged during these questions.

At the end of the semester, each student's clicker grade will be determined with reference to 90% of the total possible clicker points, with no student earning more than 100%.

For example, if there are 100 possible clicker points:

	Clicker points earned	Clicker calculation	Clicker grade (%)
Student A	100	$100/90 \times 100$	111 \rightarrow 100
Student B	90	$90/90 \times 100$	100
Student C	80	$80/90 \times 100$	89
etc	etc	etc	etc

Determining each student's clicker grade based on only 90% of the total possible points represents a built-in safe guard against practical issues with your clicker. These include, but are not limited to, forgetting your clicker, having dead batteries and general technical problems. If you think your clicker is not working, seek help immediately! Start by visiting the following site:

<http://www.turningtechnologies.com/studentresponsesystems/studentresources/studentlounge/responsecardrf/>

If you miss a class because of a *documented University recognized excuse*, you will be excused from the corresponding questions and your score will be re-normalized. Clicker scores will be posted on Blackboard after class, typically by the end of the day. It is your

responsibility to make sure the Blackboard grade book is correct. This is especially true if you register a new clicker during the semester.

Attendance

It is expected that you will attend class; 15% of your overall course grade comes from clicker points which can only be earned in class. In addition, you are responsible for all material presented and all announcements made during each class.

WileyPLUS Quizzes

WileyPLUS is an on-line site associated with the textbook that is integrated with Blackboard. All chapter quizzes will be posted here. It contains full access to the on-line textbook (ebook) and many additional study resources. Information about registering for WileyPLUS is available on the course Blackboard site. Be sure to follow the directions posted on Blackboard to be sure that you register for the right WileyPLUS course. Quizzes will be posted once we complete a chapter and you will have one week to complete them. You will have two attempts per question, although you will only be eligible for half-credit on the second attempt. Each quiz will be available for a reasonable period of time therefore no make-up quizzes or time extensions will be given.

Chemistry Tutorial Center

The Department of Chemistry and Biochemistry operates a tutorial center for chemistry students under my direction. The center can be found in Chemistry 145. The Chemistry Tutorial Center at UMBC offers reserved, small group sessions that substitute for the recitation sections offered at many other schools - this is an additional resource where you can ask questions and work through additional problems is FREE. It is expected that you will use this resource. The tutorial groups will meet on Friday afternoons beginning May 30th. Sign-ups will be conducted after class on Thursday, May 29th.

Respect

It is expected that you will act in a manner that is respectful of those around you. The use of cell phones, pagers, and other similar electronic devices will not be tolerated. Disruptive behavior of any sort may result in your dismissal from class (during a lecture) or the deduction of points from your score (during an exam).

Honor

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are reprehensible. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the Policies section of the UMBC Director. Academic Misconduct in this course includes, but is not limited to,

1. Cheating on an exam by providing another student with information.
2. Cheating on an exam by accepting information from another student.
3. Cheating on an exam by bringing any information into the exam room other than what is in your own brain.
4. Using another student's TT clicker to register a response for him/her.
5. Allowing another student to use your TT clicker to register a response for you.
6. Cheating on a WileyPLUS chapter quiz by providing another student with an answer.
7. Cheating on a WileyPLUS chapter quiz by accepting an answer from another student.

Dr. Gierasch takes academic misconduct very seriously and will not tolerate violations. Expect that you will be held accountable for infractions and that you will be reported to the Academic Conduct Committee in addition to whatever course-specific consequences are imposed. Dr. Gierasch welcomes information from all students regarding inappropriate behavior and will follow-up on any concerns.