

Syllabus
Chem 224-015 Organic Chemistry B (Spring 2017)

COURSE INFORMATION**Course Instructor**

Instructor: Prof. Hee Yeon Cho
Office: Flanner Hall 209
Email: hcho6@luc.edu
Group Website: <http://www.chogroup.org>

Course Schedule

Lecture: M/W 4:15–5:30 PM in Flanner Hall 133, Auditorium (Chem 224-015)
Discussion: Monday 5:45–6:35 PM in Flanner Hall 133, Auditorium (Chem 224-016)
Wednesday 5:45–6:35 PM in Flanner Hall 133, Auditorium (Chem 224-017)
Office Hours: M/W 6:40–7:40 PM in Flanner Hall 209
To schedule an alternative appointment, please email me.

Email

You must use your Loyola email address for all communication during this course. Emails from outside sources are often blocked automatically.

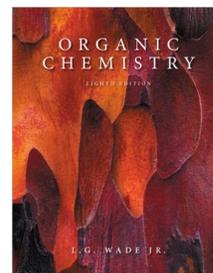
Course Materials and Website

Textbook: Organic Chemistry (8th Edition, by L. G. Wade Jr.)
(Required) ISBN-10: 0321768418 (*****see the cover picture on the right**)

Solutions Manuals: Solutions Manual for Organic Chemistry (by Jan W. Simek)
(Recommended) ISBN-10: 0321773896

Molecular Model Kit: HGS Molecular Model or Preferred Kit
(Recommended)

Course Website: sakai.luc.edu

**GRADING POLICY****Course Grade**

(1)	5	Highest Quiz Grades (20 points each, 100 points)	100	10%
(2)	2	Highest Midterm Exams (250 points each, 500 points)	500	50%
(3)	1	Final Exam (350 points)	350	35%
(4)		Attitude (50 points)	50	5%
		Total	1000	100%

(1) Quizzes (100 points, 10%)

There will be **six (6) unannounced** quizzes given in **Class** or in **Discussion Section** throughout the semester. Each quiz will be worth 20 points. The lowest quiz score will be dropped. There are **NO MAKEUP quizzes. NO EXCEPTIONS.**

(2) Midterm Exams (500 points, 50%)

There are **three** midterm exams on the dates listed below. The midterm exams cover lecture topics and will be held during the Lecture. The lowest midterm grade will be dropped. There are **NO MAKEUP midterm exams. NO EXCEPTIONS.**

Midterm Exam Dates: February 15, March 20, April 19

(3) Final Exam (350 points, 35%)

The final exam will take place on **Monday, May 1st, 2017 at 4:15–6:15 PM in Flanner Hall 133 (Auditorium)**. *The final exam is cumulative.* All topics discussed during lecture over the semester are on the final. There are **NO MAKEUP final exams**.

- **One Exception:** Individual students who have four (4) final examinations scheduled for the same date may request to have one of those exams rescheduled. If you have four final examinations scheduled for May 1st, 2017, you should e-mail a petition to Mr. Lester Manzano, Assistant Dean for Student Academic Affairs, CAS Dean's Office (lmanzan@luc.edu).

(4) Attitude (50 points, 5%)**Class Etiquette**

- Attend every class and discussion section, and come to class and discussion section on time.
- No talking & no electronic devices, but you can use your laptop or tablet for note taking.
- Do not ask me about matters that are already mentioned in class or syllabus (e.g. grading policy, make-up exams or quizzes, course policy, etc.).

Students with multiple violations of class etiquette will be subject to point deductions throughout the semester.

Final Grades

A guideline for grades is shown below. At minimum, you will receive the grade indicated. However, if the class average is below 75% at the end of the semester (*i.e.* the class average of total point is below 750), there will be a modified grading system. Each exam or quiz will not be curved.

A =	94–100%	C+ =	75–77%
A– =	89–93%	C =	66–74%
B+ =	86–88%	C– =	63–65%
B =	81–85%	D =	51–62%
B– =	78–80%	F =	0–50%

Lecture, Discussion Section, and Quizzes

The class lectures will be the *most critical source* of information for this course. If you miss a lecture, please find notes from another student in class.

The discussion section will develop your problem solving skills through working problems. This time will also be dedicated to answering questions and clarifying any topic covered in lecture.

Six (6) quizzes will be given in class or in discussion section throughout the semester, and the quiz dates will not be announced. Therefore, it is required for you to attend every class and every discussion section. Because the lowest quiz score will be dropped, there will be *no make-up quizzes*. No exceptions will be made.

COURSE POLICY**Academic Integrity**

All students in this course are expected to have read and to abide by the demanding standard of personal honesty, drafted by the College of Arts & Sciences, that can be viewed at:

<http://www.luc.edu/cas/advising/academicintegritystatement/>

Anything you submit that is incorporated as part of your grade in this course (quiz, exam, etc.) must represent your own work. Any students caught cheating will, at the very minimum, receive a grade of “zero” for the item that was submitted, and this grade cannot be dropped. If the cheating occurred during a course exam, the incident will be reported to the Chemistry Department Chair and the Office of the CAS Dean. Depending on the seriousness of the incident, additional sanctions may be imposed.

Dropping and Withdrawal

Be aware of the following dates in the semester:

January 23:	Last day to withdraw without a "W" grade
January 30:	Last day to withdraw with a 100% Bursar credit
February 13:	Last day to withdraw with a 50% Bursar credit
February 20:	Last day to withdraw with a 20% Bursar credit
March 27:	Last day to withdraw with a "W" grade, thereafter a "WF" will be assigned

Dropping CHEM 224 (Lecture) & Staying In CHEM 226 (Lab)

Students wanting to drop lecture (CHEM 224) after midterm may stay in the lab (CHEM 226) **only if** the midterm grade of CHEM 224, posted in LOCUS, is a **D or better**. Students should continue to attend lecture until the week of the drop date to gain as much background knowledge as possible. For Spring 2017, students who wish to drop CHEM 224 and have a mid-term grade of D or better can seek assistance from the Department of Chemistry and Biochemistry office (Flanner Hall 125) beginning Monday 3/20 at 9:00 am through Monday 3/27 at 4:00 pm. Students with a midterm grade of F who decide to withdraw from lecture (CHEM 224) must also withdraw from lab (CHEM 226). No exceptions.

Disabilities

Students with a university-documented disability should contact me immediately. If your disability requires that quizzes and exams be taken outside of the scheduled time or place, please consult: www.luc.edu/sswd/. Services for Students With Disabilities (SSWD) serves students with disabilities by creating and fostering an accessible learning environment.

Tutoring

The Center for Tutoring & Academic Excellence provides Loyola students the opportunity to engage in Collaborative Learning conversations that will increase retention of course material, improve study habits, assist in achieving higher grades, and encounter new friends. For more information concerning our free tutoring services visit: www.luc.edu/tutoring/

Course/Instructor Evaluation – IDEA

Loyola has the IDEA (Individual Development and Educational Assessment) program for instructor and course evaluations. At the end of the semester, you will complete an online evaluation of this course based on criteria set by IDEA and by the instructor. For this course, the main objectives are as follows:

- 1) Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
- 2) Learning to apply course material (to improve thinking, problem solving, and decisions)
- 3) Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)

CHANGES TO SYLLABUS

There may be changes to the syllabus during the semester. ***You are responsible for all syllabus changes made in class whether or not you attend.***

COURSE SCHEDULE

Course Topics

Chapter 14:	Ethers, Epoxides, and Thioethers
Chapter 15:	Conjugated Systems, Orbital Symmetry, and Ultraviolet (UV) Spectroscopy
Chapter 16:	Aromatic Compounds
Chapter 17:	Reactions of Aromatic Compounds
Chapter 18:	Ketones and Aldehydes
Chapter 19:	Amines
Chapter 20:	Carboxylic Acids
Chapter 21:	Carboxylic Acid Derivatives
Chapter 22:	Condensations and Alpha Substitutions of Carbonyl Compounds
Chapter 23:	Carbohydrates and Nucleic Acids
Chapter 24:	Amino Acids, Peptides, and Proteins
Chapter 25:	Lipids

SPRING 2017, CHEM 224 CALENDAR

* The lowest quiz grade (among six) will be dropped. **No make-up quizzes** will be given. No Exceptions.

* The lowest midterm grade (among three) will be dropped. **No make-up midterms** will be given. No Exceptions.

* The final exam time is given by the University. **No make-up finals** will be given.

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1		1/17	1/18 Lecture 1 No Discussion	1/19	1/20
2	1/23 Lecture 2 Discussion 1 Last day to drop without a "W"	1/24	1/25 Lecture 3 Discussion 1	1/26	1/27
3	1/30 Lecture 4 Discussion 2	1/31	2/1 Lecture 5 Discussion 2	2/2	2/3
4	2/6 Lecture 6 Discussion 3	2/7	2/8 Lecture 7 Discussion 3	2/9	2/10
5	2/13 Lecture 8 No Discussion	2/14	2/15 MIDTERM 1 No Discussion	2/16	2/17
6	2/20 Lecture 9 Discussion 4	2/21	2/22 Lecture 10 Discussion 4	2/23	2/24
7	2/27 Lecture 11 Discussion 5	2/28	3/1 Lecture 12 Discussion 5	3/2	3/3
8	3/6 Spring Break	3/7 Spring Break	3/8 Spring Break	3/9 Spring Break	3/10 Spring Break
9	3/13 Lecture 13 Discussion 6	3/14	3/15 Lecture 14 Discussion 6	3/16	3/17
10	3/20 MIDTERM 2 No Discussion	3/21	3/22 Lecture 15 No Discussion	3/23	3/24
11	3/27 Lecture 16 Discussion 7 Last day to drop without "WF"	3/28	3/29 Lecture 17 Discussion 7	3/30	3/31
12	4/3 Lecture 18 Discussion 8	4/4	4/5 Lecture 19 Discussion 8	4/6	4/7
13	4/10 Lecture 20 Discussion 9	4/11	4/12 Lecture 21 Discussion 9	4/13 Easter Holiday	4/14 Easter Holiday
14	4/17 Lecture 22 No Discussion	4/18	4/19 MIDTERM 3 No Discussion	4/20	4/21
15	4/24 Lecture 23 Discussion 10	4/25	4/26 Lecture 24 Discussion 10	4/27	4/28 Last Day of Classes!
16	5/1 4:15-6:15 PM FINAL EXAM	5/2	5/3	5/4	5/5