

Syllabus

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CHE2103-01 (2ND SEMESTER, 2019)



Created Date	2019-07-17 18:41:21	Last-Modified	2019-09-02 17:36:26
Course Title	ORGANIC CHEMISTRY(1)	Credit	3
Location	SciH325	Time	Tue5,6,Thu4

Instructor	LEE HOSOOWI	Department	이과대학 화학
Office		Telephone	
e-mail & Office Hour			

Instructor	CHOI SOO HYUK	Department	이과대학 화학
Office		Telephone	
e-mail & Office Hour			

Target Students	유기화학을 배우고자 하는 학부생 Undergraduate students who are interested in organic chemistry
Course Description & Goals	Properties, structures, and reactions of organic compounds are discussed. Those organic compounds are classified by functional groups. Discussions on 아래의 세부 목록에 나와 있는 바와 같이 유기화학 교과서의 전반부에 해당하는 다양한 내용을 학습함. Lecture will cover following topics: 1. Structure and bonding of molecules 2. Stereochemistry and conformation of organic molecules 3. Understanding organic reactions 4. Properties and reactions of alkanes, alkenes, alkynes, alkyl halides 5. Mass spectrometry and IR spectroscopy
Prerequisite	일반화학 또는 고등학교 화학1,2 수준의 기본 지식 Basic understanding of general chemistry or high school-level chemistry
Course Requirements	PPT 슬라이드를 활용함 PPT slides
Grading Policy(Relative)	1차 시험 (25%), 2차 시험 (30%), 3차 시험 (35%) 퀴즈 (5%), 출석(5%) 1st exam (25%), 2nd exam (30%), 3rd exam (35%) Quiz (5%) attendance (5%)
Texts & References	Organic Chemistry (5th edition) by Janice Gorzynski Smith McGraw-Hill Education ISBN: 0078021553
Instructor's Profile	Associate Professor of Chemistry
TA's Name & Contact Information	Not Available
Syllabus in English	The whole syllabus has been written in English. (Final version of syllabus will be issued at the first class.)

Week	Period	Weekly Topic & Contents	Course Material Range & Assignments	Reference
1	2019-09-02 2019-09-08	Chapter 1: structure and bonding		(9.2.) 개강 (9.5. - 9.9.) 수강신청 확인 및 변경 (9.6.) 연고전 참석시, 담당교수 확인을 통하여 출석 대체 인정가능
2	2019-09-09 2019-09-15	Chapter 2: acids and bases Chapter 3: introduction to organic molecules and functional groups Sep. 12 - no class		(9.5. - 9.9.) 수강신청 확인 및 변경 (9.12. - 9.14.) 추석연휴
3	2019-09-16 2019-09-22	Chapter 3: introduction to organic molecules and functional groups Chapter 4: alkanes		
4	2019-09-23 2019-09-29	Chapter 4: alkanes		
5	2019-09-30 2019-10-06	Chapter 5: Stereochemistry Oct. 3 - no class		(10.1. - 10.4.) 수강철회 (10.3. 개천절)
6	2019-10-07 2019-10-13	Chapter 6: understanding organic reactions		(10.9.) 한글날 (10.10.) 학기 1/3선
7	2019-10-14 2019-10-20	Chapter 6: understanding organic reactions Chapter 7: alkyl halides and nucleophilic substitution Oct. 17 - no class		
8	2019-10-21 2019-10-27	*1st Exam (Chap 1-4) on Oct. 22 Oct. 24 - no class		(10.21. - 10.25.) 중간시험
9	2019-10-28 2019-11-03	Chapter 7: alkyl halides and nucleophilic substitution Chapter 8: Alkyl halides and elimination reactions		
10	2019-11-04 2019-11-10	Chapter 8: Alkyl halides and elimination reactions Chapter 9: Alcohols, ethers, and related compounds		
11	2019-11-11 2019-11-17	Chapter 9: Alcohols, ethers, and related compounds Nov. 19 - 2nd Exam (Chap. 5-8)		(11.15.) 학기 2/3 선
12	2019-11-18 2019-11-24	Chapter 10: alkenes		
13	2019-11-25 2019-12-01	Chapter 11: alkynes Chapter 12: oxidation and reduction		
14	2019-12-02 2019-12-08	Chapter 12: oxidation and reduction		

15	2019-12-09 2019-12-15	Chapter 13: mass spectrometry and infrared spectroscopy	(12.9. - 12.20.) 자율학습 및 기말시험
16	2019-12-16 2019-12-22	*3rd (final) Exam: (Chap 9-13) on Dec. 17	(12.9. - 12.20.) 자율학습 및 기말시험

* Notice for changes in semester based Regular Exchange/Visiting Program

During midterm and final exam period, students who do not have exams should do self-studying or take lectures.

* According to the University regulation section 57-2, students with disabilities can request special support related to attendance, lectures, assignments, or exams by contacting the course professor at the beginning of semester. Upon request, students can receive such support from the course professor or from the Office for Students with Disabilities(OSD). The following are examples of types of support available in the lectures, assignments, and exams:

(However, actual support may vary depending on the course.)

[Lecture]

- Visual Impairment: alternative, braille, enlarged reading materials, note-taker
- Physical Impairment: alternative reading materials, access to classroom, note-taker, assigned seat
- Hearing Impairment: note-taker/stenographer, recording lecture
- Intellectual Disability/Autism: note-taker, study mentor

[Assignments and Exam]

- Visual, Physical, Hearing Impairment: extra days for submission, alternative type of assignment, extended exam time, alternative type of exam, arranging separate exam room, and proctors, note-taker
- Intellectual Disability/Autism: personalized assignments, alternative type of evaluation

