

Syllabus

Search

CHE3110-01 (2ND SEMESTER, 2019)



Created Date	2019-06-24 11:10:38	Last-Modified	2019-06-24 11:17:34
Course Title	ORGANIC CHEMISTRY (2)	Credit	3
Location	SciH325	Time	Mon3,4,Wed4

Instructor	JEON HAEGEUN	Department	이과대학 화학
Office		Telephone	
e-mail & Office Hour			

Instructor	JEONG Kyu-Sung	Department	이과대학 화학
Office		Telephone	
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Target Students	2학년 유기화학 (금요일 저녁 7시~9시까지 중간시험을 한 번 볼 수도 있습니다. 이때 출석이 불가능한 학생은 수강신청을 하지 마세요)
Course Description & Goals	유기화합물의 구조, 성질 반응 학습 1. Nuclear Magnetic Resonance Spectroscopy 2. Conjugation and aromatic compounds and its reactions. 3. Aldehydes, Ketones, and carboxylic acids 4. Carbonyl condensation and Amines
Prerequisite	Organic Chemistry I
Course Requirements	PPT 강의
Grading Policy(Relative)	중간고사 2회 200점 기말고사 1회 100점 출석/숙제 등 수업참여도 50점 총점 350점 상대평가
Texts & References	Organic Chemistry Janice Corzynski Smith 5th Edition
Instructor's Profile	과학관 508호 유기화학 전공 http://web.yonsei.ac.kr/ksjeong 참고
TA's Name & Contact Information	none
Syllabus in English	Studying characteristic feature and properties of new functional group and its reactions. 1. NMR Spectroscopy 2. Conjugation and aromatic compounds and its reactions. 3. Aldehyde, Ketone, and carboxylic acid 4. Carbonyl condensation Evaluation: Exam (2 times: 70%), Attendance & Attitude (30%)

Week	Period	Weekly Topic & Contents	Course Material Range & Assignments	Reference
1	2019-09-02	Chapter 14. Nuclear Magnetic Resonance		(9.2.) 개강

	2019-09-08	Spectroscopy		(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 14. Nuclear Magnetic Resonance Spectroscopy		(9.5. - 9.9.) 수강신청 확인 및 변경 (9.12. - 9.14.) 추석연휴
3	2019-09-16 2019-09-22	Chapter 15. Radical Reactions		
4	2019-09-23 2019-09-29	Chapter 16. Conjugation, Resonance, and Dienes	9월27일 오후 7시 보강	
5	2019-09-30 2019-10-06	Chapter 17. Benzene and Aromatic Compounds		(10.1. - 10.4.) 수강철회 (10.3. 개천절)
6	2019-10-07 2019-10-13	Chapter 18. Electrophilic Aromatic Substitution		(10.9.) 한글날 (10.10.) 학기 1/3선
7	2019-10-14 2019-10-20	Chapter 18. Electrophilic Aromatic Substitution		
8	2019-10-21 2019-10-27			(10.21. - 10.25.) 중간시험
9	2019-10-28 2019-11-03	Chapter 19. Carboxylic Acids and the Acidity of the O-H bond		
10	2019-11-04 2019-11-10	Chapter 20. Introduction to Carbonyl Chemistry; Organometallic Reagents; Oxidation and Reduction		
11	2019-11-11 2019-11-17	Chapter 21. Aldehydes and Ketones- Nucleophilic Addition		(11.15.) 학기 2/3 선
12	2019-11-18 2019-11-24	Chapter 22. Carboxylic Acids and Their Derivatives- Nucleophilic Acyl Substitution		
13	2019-11-25 2019-12-01	Chapter 23. Substitution Reactions of Carbonyl Compounds at the alpha carbon		
14	2019-12-02 2019-12-08	Chapter 24. Carbonyl Condensation Reactions pp916-947		
15	2019-12-09 2019-12-15	Chapter 25. Amines		(12.9. - 12.20.) 자율학습 및 기말시험
16	2019-12-16 2019-12-22			(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

