Course Syllabus

Code - Course Title	**KİM273 - Organic Chemistry II**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. LEYLA YURTTAŞ, DOÇ. DR. ASAF EVRİM EVREN

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Nomenclature of chemical compounds.	
Week - 2		Nomenclature of chemical compounds.	
Week - 3		Nomenclature of chemical compounds.	
Week - 4		Nomenclature of chemical compounds.	
Week - 5		Stereoisomer	
Week - 6		UV (Ultraviolet) spectroscopy	
Week - 7		IR (Infrared) spectroscopy	
Week - 8		IR (Infrared) spectroscopy	
Week - 9		Nuclear magnetic resonance (NMR) spectroscopy.	
Week - 10		Nuclear magnetic resonance (NMR) spectroscopy.	
Week - 11		Mass spectrometry.	
Week - 12		Mass spectrometry.	
Week - 13		Other Spectroscopic methods	
Week - 14		Other Spectroscopic methods	

Learning Outcomes

#	Learning Outcome
1	Be able to name the drugs.
2	Be able to name organic compounds.
3	Explain IUPAC Naming Rules.
4	Explain Functional Groups.
5	Explain cyclic compounds.
6	Explain aromatic compounds.
7	Explain Condensed Compounds.
8	Explain the molecular structure.
9	Explain geometric isomerism.
10	Explain Optical Isomerism.
11	Explain UV (Ultraviolet) Spectroscopy.
12	Explain IR (Infrared) Spectroscopy.
13	Explain NMR Spectroscopy.
14	Explain MS (Mass) Spectroscopy.
15	Explain Other Methods.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.