Course Syllabus

Code - Course Title	**KİM172 - Organic Chemistry I**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. NALAN GÜNDOĞDU KARABURUN, PROF. DR. AHMET ÇAĞRI KARABURUN

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		Alkanes, Alkenes, Alkynes and Alkyl Halides	
Week - 2		Alkanes, Alkenes, Alkynes and Alkyl Halides	
Week - 3		Alcohols, Ethers, Mercaptans	
Week - 4		Alcohols, Ethers, Mercaptans	
Week - 5		Aromaticity, Arenes and Phenols	
Week - 6		Aromaticity, Arenes and Phenols	
Week - 7		Aldehydes and Ketones	
Week - 8		Aldehydes and Ketones	
Week - 9		Carboxylic Acids and Their Derivatives	
Week - 10		Carboxylic Acids and Their Derivatives	
Week - 11		Amine	
Week - 12		Amides and Imides	
Week - 13		Carbohydrates and Polymers	
Week - 14		Carbohydrates and Polymers	

Learning Outcomes

#	Learning Outcome
1	Be able to define alkanes.
2	Be able to define alkenes.
3	Define Geometric Isomerism.
4	Define alkynes.
5	Define Alkyl Halides.
6	Be able to define alcohols.
7	Be able to define ethers.
8	Define thioethers.
9	Be able to define mercaptans.
10	Be able to define aromaticity.
11	Be able to define arenes.
12	Explain aromatic substitution reactions.
13	Define Phenols and Polyphenols.
14	Be able to define aldehydes.
15	Be able to define ketones.
16	Define Carboxylic Acids.
17	Be able to define esters.
18	Define Acid Halides.
19	Define Acid Anhydrides.
20	Define nitriles and isonitriles.
21	Be able to define amines.
22	Define Amides.
23	Be able to define imides.
24	Define Carbohydrates and Polymers.

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

AKTS Workload

Activity	Duration (Hour)	Count	Workload
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.