Course Syllabus

Code - Course Title	**KİM103 - General Chemistry I**
Course Type	I. SEMESTER
Laboratory + Practice	4+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ADNAN ÖZCAN

Mode of Delivery	The mode of delivery of this course is Face to face.
Prerequisites	There is no a prerequisite or co-requisite for this course.
Courses Recomended	-
Recommended Resources	-
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Matter:Its Properties and Measurement	
Week - 2		Chemical Reactions and Mass Relations	
Week - 3		Thermochemistry	
Week - 4		Atom and the Atomic Theory, Quantum Theory and the Electronic Structure of Atoms	
Week - 5		Atom and the Atomic Theory, Quantum Theory and the Electronic Structure of Atoms	
Week - 6		Chemical Bonds	
Week - 7		Chemical Bonds	
Week - 8		Molecule Geometry	
Week - 9		Molecule Geometry	
Week - 10		Gases	
Week - 11		Gases	
Week - 12		Liquids	
Week - 13		Practice	
Week - 14		Practice	

Learning Outcomes

#	Learning Outcome
1	explain matter and the structure of atom.
2	solve stoichiometric problems.
3	evaluate the energies involved in chemical reactions.
4	discuss chemical bonding.
5	discuss the state of gas and gas behavior.
6	discuss the state of liquid and liquid behavior.

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	20
Final Exam	1	40
2.Midterm Exam	1	20
	Sum (%)	**80**