Course Syllabus

Code - Course Title	**KİM668 - Gas Chromatography**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. EROL ŞENER

Mode of Delivery	Face to face
Prerequisites	The students are required to attend the classes regularly, to participate in the discussions.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to the course	
Week - 2		History of Gas Chromatography	
Week - 3		The Theory of Gas Chromatography	
Week - 4		Retention Mechanisms, Adsorption	
Week - 5		Retention Mechanisms, Absorption	
Week - 6		The Components of a Gas Chromatography	
Week - 7		Injections Unites	
Week - 8		Kolonlar	
Week - 9		Detectors	
Week - 10		Parameters of Separation	
Week - 11		Parameters of Detection	
Week - 12		Development of a GC Method	
Week - 13		Validation of a GC Method	
Week - 14		Advance Application of GC	

Learning Outcomes

#	Learning Outcome

Learning Outcomes

#	Learning Outcome
1	will be able to evaluate gas chromatography(GC)
2	will be able to evaluate method development parameters of GC

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.