Course Syllabus

Code - Course Title	**KOZ525 - Basic Laboratory Knowledge**
Course Type	
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. BEHİYE ŞENEL

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
Recommended Resources	Books and publications on basic laboratory knowledge, devices used in the laboratory, consumables, chemicals
Work Placement	Practical training is not required for this programme

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General Introduction of the Laboratory	
Week - 2		Classification and Purpose of Use of Glass Materials Used in the Laboratory	
Week - 3		Classification and Use of Materials Other than Glass Used in the Laboratory	
Week - 4		Identification of Basic Chemical Materials	
Week - 5		Identification and Use of Acids and Bases	
Week - 6		Preparation and Use of Solvents Used in the Laboratory	
Week - 7		Polymers Used in the Lab	
Week - 8		Classification of Basic Laboratory Devices and Their Intended Use	
Week - 9		Techniques Used in the Laboratory; Mixing, Dissolving, Drying, Straining etc.	
Week - 10		Defining Laboratory Safety	
Week - 11		Classification of Chemical-Based Risks	
Week - 12		Identification of Risks that may Arise from Devices	
Week - 13		Defining Basic Laboratory Rules	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Sterilization and Disinfection Processes Performed in the Laboratory	

Learning Outcomes

#	Learning Outcome
1	Knows the materials used in the laboratory
2	Counts the chemicals used in the laboratory
3	Counts basic laboratory equipment
4	Knows laboratory safety

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.