Course Syllabus

Code - Course Title	**LBV108U - Veterinary Laboratory Techniques and Principles**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ASSOC. PROF. DR. SANİYE ÖZCAN

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts in the Laboratory	
Week - 2		Basic Calculations in the laboratory	
Week - 3		Basic Laboratory Equipments	
Week - 4		Basic Laboratory Equipments	
Week - 5		Automation in the Laboratory and Laboratory Information Systems	
Week - 6		Automation in the Laboratory and Laboratory Information Systems	
Week - 7		Basic Analysis Techniques in the Laboratory	
Week - 8		Advanced Analysis Techniques (used) in the Laboratory	
Week - 9		Quality Control in the Laboratory	
Week - 10		Collection and Storage Conditions of Biological Specimens	
Week - 11		Collection and Storage Conditions of Biological Specimens	
Week - 12		The Sources of Analytical Errors	
Week - 13		The Sources of Analytical Errors	
Week - 14		Laboratory Safety and Cleaning	

Learning Outcomes

#	Learning Outcome
1	Apprehend common concepts and make calculations in laboratory work.

Learning Outcomes

#	Learning Outcome
2	Be familiar with basic laboratory equipment
3	Learn basic and advanced analytical methods
4	Apprehend quality control concept, explain sources of error and will be able to propose solutions.
5	Have knowledge in laboratory information and automation systems.
6	Be able to take precautions for 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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**