Course Syllabus

Code - Course Title	**ECZ871 - Basic Procedures and Calculations in New Drug Development**
Course Type	VI. SEMESTER
Laboratory + Practice	1+0
ECTS	**1.5**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ SİNAN ÖZER

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	Quality Systems and Control for Pharmaceuticals, Ed. Dipak K. Sarker, John Wiley & Sons Ltd, 2008
Work Placement	Practical training is not required for this programme

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		beginning to basic pharmaceutical steps	
Week - 2		Grinding	
Week - 3		drying-filtration	
Week - 4		sterilization-mixing	
Week - 5		heating-sieving	
Week - 6		solubility-distilation	
Week - 7		mid-term	
Week - 8		liyophilization	
Week - 9		solid state characterization	
Week - 10		partical size	
Week - 11		zeta potential	
Week - 12		stability	
Week - 13		basic calculations	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		final exam	

Learning Outcomes

#	Learning Outcome
1	will be able toknow the pharmaceutical calculations
2	will be able to know the development steps of formulations
3	will be able to document the preformulation studies
4	will be able to know the characterization studies of formulations

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.