Course Syllabus

Code - Course Title	**ECZ246 - Introduction to Pharmaceutical Technology**
Course Type	IV. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. EBRU BAŞARAN, PROF. DR. EVRİM AKYIL

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.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Terms, Abbreviations, Innovations, and Reference Books Used in Pharmaceutical Technology	
Week - 2		Types of Drugs, Prescription, and Dosage Information	
Week - 3		Basic Pharmaceutical Processes	
Week - 4		Basic Pharmaceutical Processes	
Week - 5		Information on Magistral Prescriptions	
Week - 6		Classification of Drug Delivery Systems	
Week - 7		Packaging and Storage of Drugs - Radiopharmacy	
Week - 8		Cosmetology	
Week - 9		Biopharmaceutics / Pharmacokinetics	
Week - 10		Definition and History of Pharmaceutical Biotechnology	
Week - 11		Definition and History of Pharmaceutical Biotechnology	
Week - 12		Basic Techniques Used in Pharmaceutical Biotechnology	
Week - 13		Basic Techniques Used in Pharmaceutical Biotechnology	
Week - 14		Basic Techniques Used in Pharmaceutical Biotechnology	

Learning Outcomes

#	Learning Outcome
1	Can explain terms used in pharmaceutical technology
2	Can explain abbreviations used in pharmaceutical technology
3	Can explain the historical development of pharmaceutical technology
4	Can explain pharmacopeias
5	Can explain medical formularies and other official books
6	Can explain magistral medicines
7	Can explain officinal medicines
8	Can explain proprietary medicines
9	Can explain prescription information and calculations
10	Can explain dosage information and calculations
11	Can explain grinding process
12	Can explain mixing process
13	Can explain drying processes
14	Can explain filtration processes
15	Can explain sieving processes
16	Can explain magistral prescription preparation
17	Can explain presentation of magistral prescriptions to patients
18	Can explain conventional dosage forms
19	Can explain modern drug carrier systems
20	Can explain packaging of drugs
21	Can explain storage of drugs
22	Can explain radiopharmaceutical carrier systems
23	Can explain radiopharmacy applications
24	Can explain cosmetology
25	Can explain biopharmaceutics
26	Can explain pharmaceutical biotechnology
27	Can explain basic techniques used in pharmaceutical biotechnology

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

AKTS Workload

Activity	Duration (Hour)	Count	Workload
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.