Course Syllabus

Code - Course Title	**FTE634 - Transdermal and Transmucosal Drug Delivery Systems**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	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.
Recommended Resources	Transdermal Drug Delivery Systems: Revised and Expanded (Drugs and the Pharmaceutical Sciences Book 123) 2nd Edition, Kindle Edition by Jonathan Hadgraft (Editor)
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Skin structure and properties	
Week - 2		Mucous structure and features	
Week - 3		Percutaneous absorption (skin absorption)	
Week - 4		Advantages and disadvantages of transdermal therapeutic systems	
Week - 5		Advantages and disadvantages of transmucosal therapeutic systems	
Week - 6		Formulations and parts of transdermal systems	
Week - 7		Formulations of transmucosal systems and parts	
Week - 8		Transdermal therapeutic system types	
Week - 9		Transmucosal therapeutic system types	
Week - 10		Innovation in transdermal systems	
Week - 11		Innovations in transmucosal systems	
Week - 12		Mathematical modeling in transdermal systems	
Week - 13		Mathematical modeling in transmucosal systems	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Characterization in transdermal and transmucosal systems	

Learning Outcomes

#	Learning Outcome
1	have general information on transdermal drugs
2	have general information about transmocosal drugs

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.