Course Syllabus

Code - Course Title	**FTE533 - Pharmaceutical Dosage Forms and Quality Controls**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
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.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Pharmaceutical Dosage Forms: Classification and Characterization	
Week - 2		Pharmaceutical Dosage Forms: Classification and Characterization	
Week - 3		The Importance of Quality Assurance and Quality Control	
Week - 4		The Identification of active agents and excipients: Qualitative and Quantitative Analyses, Identification of Impurities and Pharmacopeiae Analyses, Importance of Quality Assurance and Quality Control, Aim, Importance, Planning and Application of Analytic Method Development	
Week - 5		The Identification of active agents and excipients: Qualitative and Quantitative Analyses, Identification of Impurities and Pharmacopeiae Analyses, Importance of Quality Assurance and Quality Control, Aim, Importance, Planning and Application of Analytic Method Development	
Week - 6		Mid-Term Examination Week	
Week - 7		Spasifications of the Final Formulations: Morphological Analyses, Particle Size, Zeta Potential, Thermal Analyses, Spectrophotometric Analyses, Chromatographic Analyses	
Week - 8		Spasifications of the Final Formulations: Morphological Analyses, Particle Size, Zeta Potential, Thermal Analyses, Spectrophotometric Analyses, Chromatographic Analyses	
Week - 9		Spasifications of the Final Formulations: Morphological Analyses, Particle Size, Zeta Potential, Thermal Analyses, Spectrophotometric Analyses, Chromatographic Analyses	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 10		Investigation of Bioavailability and Bioequivalency Studies	
Week - 11		Investigation of Bioavailability and Bioequivalency Studies	
Week - 12		Evaluation of Results of the Analyses and Documentation of Final Report	
Week - 13		Evaluation of Results of the Analyses and Documentation of Final Report	
Week - 14		Final Evaluation	

Learning Outcomes

#	Learning Outcome
1	evaluate the Pharmaceutical dosage forms
2	evaluate the stability of pharmaceutical dosage forms

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	40
Final Exam	1	60
	Sum (%)	**100**