Course Syllabus

Code - Course Title	**FTT512 - Microscopic Characteristics of Herbal Teas**
Course Type	
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. GÖKALP İŞCAN

Mode of Delivery	face to face or distance learning
Prerequisites	There are no Prerequisites and co-requisites for this lesson
Courses Recomended	-
Recommended Resources	-
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		The Place and the Importance of Powdered Herbal Drugs in European Pharmacopoeia	
Week - 2		The Place and the Importance of Powdered Herbal Drugs in European Pharmacopoeia-2	
Week - 3		Definition and Basics of Light Microscope	
Week - 4		Preparation of Specimens and the Reagents	
Week - 5		General Microscopic Characteristics of Leaf, Flower, Root, Bark, Fruit and Seed	
Week - 6		Cell Wall and Cell Content;	
Week - 7		Adulteration of medicinal tea drugs	
Week - 8		Anatomy of Plant Tissues	
Week - 9		Using of the Powdered Drug Identification Key	
Week - 10		Selected drugs from Lamiaceae	
Week - 11		Selected drugs from Asteraceae	
Week - 12		Selected Drugs from Apiaceae	
Week - 13		Examination of some drugs belonging to other families	
Week - 14		Organoleptic and macroscopical features of herbal drugs	

Learning Outcomes

#	Learning Outcome
1	Explain the macroscopic and microscopic characteristics of the herbal drugs in European Pharmacopoeia
2	Explain the detailed structure of the light microscope
3	Classify the cell content and herbal tissues
4	Explain and use the identification key for powdered herbal drugs
5	Explain the macroscopic and microscopic characteristics of the herbal 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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**