Course Syllabus

Code - Course Title	**FTK513 - Cosmetic Toxicology**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SİNEM ILGIN

Mode of Delivery	Face to Face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None
Recommended Resources	Klaassen, C.D., Watkins, J.B. (2018). Casarett & Doull\'s Essentials of Toxicology (3rd ed.). McGraw-Hill Education.Andre O. Barel, Howard I. Maibach (Ed.). (2021). Handbook of Cosmetic Science and Technology (5th ed.). CRC Press.Hayes, A. W., & Kobets, T. (2023). Hayes\' principles and methods of toxicology. Crc Press.FDA and EMA regulations and guidelines on cosmetics (available online).Current literature from PubMed Central (PMC).
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Cosmetic Toxicology and Basic Concepts	
Week - 2		Fundamental Ingredients in Cosmetic Products	
Week - 3		Dermal Absorption and Toxic Effects of Cosmetic Products	
Week - 4		In vitro Cosmetic Toxicity Tests	
Week - 5		In vivo Cosmetic Toxicity Tests	
Week - 6		Alternative Testing Methods	
Week - 7		Labeling Practices in Cosmetics	
Week - 8		Additives in Cosmetic Products	
Week - 9		Toxicology of Perfumes and Colorants	
Week - 10		Toxicology of Preservatives	
Week - 11		International Cosmetic Safety Regulations	
Week - 12		Cosmetic Product Safety Evaluation Processes	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Case Studies on Cosmetic Safety	
Week - 14		Current Approaches in Cosmetic Safety Assessments	

Learning Outcomes

#	Learning Outcome
1	Define fundamental concepts in cosmetic toxicology.
2	Analyze dermal absorption and toxic effects of cosmetic products.
3	Describe and apply toxicity testing methods.
4	Evaluate toxicological risks of cosmetic additives.
5	Interpret regulations and safety evaluation processes related to cosmetic products.

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.