Course Syllabus

Code - Course Title	**FTK511 - Cilinical Toxicology**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ MERVE BAYSAL

Mode of Delivery	The mode of delivery of this course is face-to-face.
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None
Recommended Resources	Ministry of Health Poisoning Diagnosis and Treatment Guide, 2007.Bernt J et al. (2017). Critical Care Toxicology: Diagnosis and Management of the Critically Poisoned Patient. Elsevier Mosby.Ulusoy H (2019). Poisoning Study Notes. Güneş Medical Books.Satar S et al. (2020). Clinical Toxicology Diagnosis and Treatment. Nobel Medical Books.
Work Placement	None
Aims of the Course	The course aims to ensure students gain knowledge of poisoning cases and their treatments. Through case studies of common poisonings, it aims to reinforce knowledge of poisoning agents (toxic mechanisms of action, specific antidotes (if any), new treatment approaches, etc.).

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	General Information About Poisoning	Lecture, Question & Answer
Week - 2	**LO-3**	Poisoning agents: Exposure routes, toxic effects mechanisms	Lecture, Question & Answer
Week - 3	**LO-3**	Poisoning agents: Exposure routes, toxic effects mechanisms	Lecture, Question & Answer
Week - 4	**LO-3**	Poisoning agents: Exposure routes, toxic effects mechanisms	Lecture, Discussion
Week - 5	**LO-4**	Poisoning Treatment Steps: Patient stabilization, Clinical evaluation	Lecture, Question & Answer
Week - 6	**LO-4**	Poisoning Treatment Steps: Preventing the absorption of the agent, Enhanced elimination of the agent	Lecture, Question & Answer
Week - 7	**LO-4**	Poisoning Treatment Steps: Specific antidote treatment (if any), Symptomatic and supportive treatment	Lecture, Question & Answer

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 8	LO-1 LO-2 LO-3 LO-4 LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming
Week - 9	LO-1 LO-2 LO-3 LO-4 LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming
Week - 10	LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming
Week - 11	LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming
Week - 12	LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming
Week - 13	LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming
Week - 14	LO-5	Poisoning Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Brain Storming

Learning Outcomes

#	Learning Outcome
1	Will define poisoning and intoxication types.
2	Classifies the poisoning agents.
3	Will explain the exposure ways and toxic effects mechanisms of poisonings.
4	Will explain the treatment plan of the patient in poisoning.
5	Will generate hypotheses to explain the cause of an observed poisoning phenomenon.

Sustainable Development Goals

No content has been provided.

Course Theme

✓ Health Sciences and Medical Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	3.00	14	42
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	2.00	14	28
Ödevler	20.00	1	20
Proje - Rapor - Sunum Hazırlama	20.00	1	20
Ara Sınav Hazırlığı (sınav süresi dahil)	20.00	1	20
Final Sınavı Hazırlığı (sınav süresi dahil)	20.00	1	20
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**6.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Multiple Choice Test ✓ Short-Answer Test ✓ True-False Test ✓ Fill-in-the-Blank Test ✓ Homework ✓ Presentation