Course Syllabus

Code - Course Title	**DKT219 - Pharmacology for Speech and Language Therapists**
Course Type	III. SEMESTER
Laboratory + Practice	1+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ELİF KAYA TİLKİ

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	There is no recommended course
Recommended Resources	Önal B, Yazıcı Z, Sağlık Bilimleri İçin Temel Farmakoloji, 1. baskı, Ankara Nobel Tıp Kitabevleri, 2021.Oguz Kayaalp, Rasyonel tedavi yönünden Tıbbi Farmakoloji, 13.baski, Pelikan yay., Ankara 2018.Bökesoy TA, Çakıcı İ, Melli M, Türk Farmakoloji Derneği Farmakoloji Ders Kitabı, Gazi Kitabevi, 2000.Goodman & Gilman Tedavinin Farmakolojik Temeli, Süzer Ö (Ed.), Nobel Tıp Kitabevi, 2009.Guyton AC, Hall JE, Textbook of medical physiology, L. Belfus, W. Schmitt, R. Gruliow (Eds.), Elsevier Inc., 2006.Kayaalp SO, Akılcıl Tedavi Yönünden Tıbbi Farmakoloji, Pelikan Yayıncılık, 2012.Süzer Ö, Farmakolojinin Temelleri, Nobel Tıp Kitabevleri, 2002.
Work Placement	Not applicable.
Aims of the Course	The aim of this course is to provide students with fundamental knowledge of pharmacology, introduce the mechanisms of action and potential adverse effects of drugs acting on the central nervous system, and explain the effects of ototoxic drugs on the auditory and vestibular systems. It also aims to enable students to understand the relevance of pharmacological knowledge to their professional practice in speech and language therapy.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General descriptions and concepts related to drugs	
Week - 2		Routes of drug administration	
Week - 3		Pharmacokinetic	
Week - 4		Pharmacokinetic	
Week - 5		Pharmacodynami	
Week - 6		Pharmacodynami	
Week - 7		Action mechanisms of drug	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 8		Factors altering effects of drugs	
Week - 9		Drug interactions	
Week - 10		ototoxic drugs	
Week - 11		Language, Speech, Voice, Swallowing etc. Drugs Used in Individuals with Problematic Neurogenic Disorders;Autism drugs	
Week - 12		Language, Speech, Voice, Swallowing etc. Drugs Used in Individuals with Problematic Neurogenic Disorders;Autism drugs and side effects	
Week - 13		Peripheral nervous system drugs	
Week - 14		Central nervous system drugs	

Learning Outcomes

#	Learning Outcome
1	Discusses general descriptions and concepts related to drugs
2	Explains pharmacokinetic and pharmacodynami concepts
3	Summarizes factors altering effects of drugs and drug interactions
4	The student will be able to explain drugs that act on the central nervous system and the mechanisms of action of these drugs.
5	The student will be able to identify drugs that can cause ototoxicity and explain the potential effects of these drugs on the auditory and vestibular systems.

Sustainable Development Goals

✓ Health and Quality of Life

Course Theme

✓ Health Sciences and Medical Technologies

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

AKTS Workload

Activity	Duration (Hour)	Count	Workload
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

✓ Open-Ended Test

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