Course Syllabus

Code - Course Title	**DKT214 - Introduction to Cognitive Neuroscience**
Course Type	III. SEMESTER
Laboratory + Practice	2+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ARAŞ. GÖR. DR. İLAYDA KINCAL

Mode of Delivery	This course is delivered via face-to-face instruction.
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 optional programme component for this course
Recommended Resources	There is no compulsory resource for this course
Work Placement	There is no work placement for this course
Aims of the Course	Understanding the cognitive processing mechanisms that form the foundation of language and speech skills

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1** **LO-2**	Introduction to Cognitive Neuroscience and Cognition	Lecture
Week - 2	**LO-1** **LO-2** **LO-3**	Neuroanatomy and Nurophisiology 1: Cortex	Lecture
Week - 3	**LO-1** **LO-2** **LO-3**	Neuroanatomy and Neurophisiology 2: Subcortex and Connectivity	Lecture
Week - 4	**LO-4** **LO-5**	Information Processing and Perception	Lecture, Question & Answer, Discussion
Week - 5	**LO-4** **LO-5**	Attention	Lecture, Question & Answer, Discussion
Week - 6	**LO-6**	Sensory Processing and It's Models	Lecture, Question & Answer, Discussion
Week - 7	**LO-6** **LO-7**	Disorders in Sensory Processing and Their Relationship with Language and Cognition	Lecture, Question & Answer, Discussion
Week - 8	**LO-4** **LO-5**	Memory and Learning	Lecture, Question & Answer, Discussion
Week - 9	**LO-4** **LO-5**	Executive Functions	Lecture, Question & Answer, Discussion

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 10	LO-8	Language Processing Models and History	
Week - 11	LO-8 LO-9	Language Processing Models and History	Lecture, Question & Answer, Discussion
Week - 12	LO-4 LO-5 LO-9	Relation between Language and Executive Functions	Lecture, Question & Answer, Discussion
Week - 13	LO-2 LO-3 LO-5	Praxia and Speech	Lecture, Question & Answer, Discussion
Week - 14	LO-2 LO-3 LO-5	Praxis, Motor Learning, and Speech - II	Lecture, Question & Answer, Discussion

Learning Outcomes

#	Learning Outcome
1	Defines cognition
2	Knows and defines the skills involved in cognition.
3	Knows the neuroanatomy and neurophysiology of cognition.
4	Explains the relationship between cognitive neuroscience and language.
5	Knows and explains the relationship between perception, attention, memory, learning, executive functions, and praxis, which are cognitive processes, and language and speech.
6	Explains the relationship of sensory processing to language and cognition.
7	Classifies sensory processing problems.
8	Knows the history of language processing models.
9	Explains language processing.

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	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	1.00	2	2
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Ara Sınav Hazırlığı (sınav süresi dahil)	5.00	5	25
Final Sınavı Hazırlığı (sınav süresi dahil)	5.00	5	25
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**3.0**

Assessment Method and Passing Requirements

✓ Multiple Choice Test

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