



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Anatomy Of The Smell And The Limbic System							
Course Code		TAN639		Couese Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Course objective of the mechanism of functioning of the nervous system and its relationship with various body functions of these mechanisms is clarified in the course. The basic unit of the neuron physiological properties have been identified, then the nervous system that make up the structure of the functions separately examined, cognitive or motor activity each other during the coordinated operation features are highlighted, general and special senses are given information about.							
Course Content		nose and nasal structure, and rhinencephalo structures of the limbic system, olfactory pathways, olfactory receptors, limbic lobe, fornix cerebri, area septalis							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Gray's Anatomy for Faculty of Medicine Students, 1. print, Prof. Dr. Mehmet Yıldırım, Güneş Bookstore – Ankara, 2007
2	Basic Clinical Anatomy 2. print, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006.
3	Sobotta Human Anatomy Atlas Cilt 1-2. 2. In Turkish Prof. Dr. Kaplan Arıncı, H. Ferner ve J. Staubesand – Münih, 1985.
4	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008

Week	Weekly Detailed Course Contents	
1	Theoretical	nose, the nose structure, nasal cavity, nasal skeleton, nose cartilage
	Practice	work on models and cadavers
	Preparation Work	individual work
2	Theoretical	nasal muscles, nose skin , arteriel and venous circulation , lymphatic flow , neural innervation
	Practice	work on models and cadavers
	Preparation Work	individual work
3	Theoretical	cavitas nasi , with the shape of the location , tunica mucosa nasi , arterial and venous circulation , neural innervation
	Practice	work on models and cadavers
	Preparation Work	individual work
4	Theoretical	sinus paranasales , sinus maxillaris , arterial and venous circulation , lymphatic flow, neural innervation
	Practice	work on models and cadavers
	Preparation Work	individual work
5	Theoretical	sinus frontalis , cellulae ethmoidale , arterial and venous circulation , lymphatic flow , neural innervation
	Practice	work on models and cadavers
	Preparation Work	individual work
6	Theoretical	The structures of the limbic system and rhinencephalo, smell brain
	Practice	work on models and cadavers
	Preparation Work	individual work
7	Theoretical	olfactory pathways, olfactory receptors
	Practice	work on models and cadavers
	Preparation Work	individual work
8	Theoretical	bulbus olfactorius , tractus olfactorius
	Practice	work on models and cadavers



8	Preparation Work	individual work
9	Theoretical	substantia perforata anterior , striae olfactoriae
	Practice	work on models and cadavers
	Preparation Work	individual work
10	Theoretical	to the olfactory cortex, the limbic lobe
	Practice	work on models and cadavers
	Preparation Work	individual work
11	Theoretical	limbic system limbic structures comprising lobes
	Practice	work on models and cadavers
	Preparation Work	individual work
12	Theoretical	subcallos area, cingulum gyrus, cingulum and the isthmus gyri
	Practice	work on models and cadavers
	Preparation Work	individual work
13	Theoretical	gyrus parahippocampalis and uncus
	Practice	work on models and cadavers
	Preparation Work	individual work
14	Theoretical	fornix cerebri , area septalis , corpus amygdaloideum
	Practice	work on models and cadavers
	Preparation Work	individual work

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	10	1	2	30
Lecture - Practice	5	1	2	15
Midterm Examination	1	2	1	3
Final Examination	1	1	1	2
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	students learns the anatomical structure of the nose and the neighborhood of these structures
2	Students learn the structure of the limbic system
3	students learn limbic system and adjacent anatomical structures that make
4	
5	

Programme Outcomes (Anatomy (Medical) Doctorate)

1	Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology
2	To use information on the science of anatomy study areas.
3	Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction
4	Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other.
5	Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis.
6	Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information
7	To be able to prepare the article in the science of anatomy
8	To be able to present papers in the field of science of anatomy
9	To gain enough discipline and experience related to anatomy and to be an expert
10	To have professional ethics and responsibility

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5



P3	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

