AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Introduction to Central Nervous System								
Course Code	TAN531		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	To define basic concepts related to the nervous system, and these formations contain macroscopic anatomy of formations, the relationships between entities within the nervous system in the veins, venous and cisternal cavities, cerebrospinal fluid circulate and meningeal structure which surrounding the nervous system.								
Course Content	General anatomy of the nervous system Anatomy of the spinal cord and bulb, afferent and efferent paths Anatomy of the pons, mesencephalon, diencephalon and cerebellum and basal ganglia Telencephalon, hemispherium cerebri Rhinencephalon and limbic system								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Lec. Eda Duygu İPEK								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008
2	Gray's Anatomy for Faculty of Medicine Students, 1. baskı, Prof. Dr. Mehmet Yıldırım, Güneş Bookstore – Ankara, 2007
3	Sobotta Human Anatomy Atlas Cilt 1-2. 2. In Turkish Prof. Dr. Kaplan Arıncı, H. Ferner ve J. Staubesand – Münih, 1985.
4	Basic Clinical Anatomy 2. print, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006.
5	Functional Anatomy- Head, Neck and Internal Organs - 3. print, Prof. Dr. Bedia Sancak, Prof. Dr. Meserret Cumhur, ODTÜ Publishing – Ankara, 2004.
6	Netter FH. Atlas of human anatomy (second edition). USA, Novartis, 1997: 268.

Week	Weekly Detailed Course Contents	
1	Theoretical	The general anatomy of the nervous system, Anatomy of the Spinal Cord
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
2	Theoretical	Spinal cord afferent and efferent paths, anatomy of the bulb
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
3	Theoretical	Anatomy of Pons, anatomy of mesencephalon
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
4	Theoretical	Anatomy of the cerebellum
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
5	Theoretical	Cranial Nerves
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
6	Theoretical	Anatomy of diencephalon, basal ganglia
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
7	Theoretical	Telencephalon
	Practice	Work on models and cadavers

7	Preparation Work	Individual Work
8	Theoretical	Hemispherium cerebri
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
9	Theoretical	Motor and sensory areas
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
10	Theoretical	Motor and sensory areas
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
11	Theoretical	Rhinencephalon and limbic system
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
12	Theoretical	Ventricular system and meningeal structures
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
13	Theoretical	Central nervous system vessels
	Practice	Work on models and cadavers
	Preparation Work	Individual Work
14	Theoretical	Central nervous system's sinuses, and cisterns
	Practice	Work on models and cadavers
	Preparation Work	Individual Work

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	0	4	56
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	Define the basic concepts of the nervous system
2	Sinir sistemi ile ilgili oluşumları kavrayabilme
3	Identify parts of the nervous system
4	To show the formation of the nervous system
5	To understand the functional relations of the nervous system

Programme Outcomes *(Anatomy (Medical) Master)*

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 tobe 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	4	5	4	5
P2	5	4	5	4	5
P3	5	4	5	4	5
P4	5	4	5	5	5
P5	5	4	5	5	5
P6	5	4	5	5	5
P7	5	4	5	5	5
P8	5	4	5	5	5
P9	5	4	5	5	5
P10	5	4	5	5	5