AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Anatomy Of The Spinal Cord And Pathways FromTthe Brain To The Spinal Cord								
Course Code	TAN638		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Students learn about the anatomy of the central nervous system, is intended to gain skills and behaviors.								
Course Content	The formation of the nervous system, nerve cells, and types, sounds and receptorial the nervous system sections, the sections of the central nervous system, spinal cord anatomy, encephalon anatomy								
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	Anatomi. K. Arıncı, A. Elhan, 2 print, Güneş Bookstore, Ankara, 2001, ISBN 9757467286
2	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008.
3	Basic Clinical Anatomy 2. print, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006

Week	Weekly Detailed Course Contents	
1	Theoretical	General morphology of the spinal cord
	Practice	work on models and cadavers
	Preparation Work	individual work
2	Theoretical	Internal structure of the spinal cord and the laminae
	Practice	work on models and cadavers
	Preparation Work	individual work
3	Theoretical	Formation and course of the spinal nerves
	Practice	work on models and cadavers
	Preparation Work	individual work
4	Theoretical	Cervical plexus
	Practice	work on models and cadavers
	Preparation Work	individual work
5	Theoretical	Brachial plexus
	Practice	work on models and cadavers
	Preparation Work	individual work
6	Theoretical	Lumbosacral plexus
	Practice	work on models and cadavers
	Preparation Work	individual work
7	Theoretical	Lumbosacral plexus
	Practice	work on models and cadavers
	Preparation Work	individual work
8	Theoretical	Lumbosacral plexus
	Practice	work on models and cadavers
	Preparation Work	individual work
9	Intermediate Exam	MIDTERM EXAM
10	Theoretical	Ascending pathways of the spinal cord
	Practice	work on models and cadavers
	Preparation Work	individual work
11	Theoretical	Descending pathways of the spinal cord

11	Practice	work on models and cadavers
	Preparation Work	individual work
12	Theoretical	Reflex pathways of the spinal cord
	Practice	work on models and cadavers
	Preparation Work	individual work
13	Theoretical	Dermatoms
	Practice	work on models and cadavers
	Preparation Work	individual work
14	Theoretical	Meningeal membranes and cisternae around the spinal cord
	Practice	work on models and cadaver
	Preparation Work	individual work
15	Theoretical	Arteries and veins of the spinal cord
	Practice	work on models and cadaver
	Preparation Work	individual work
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	2	1	42
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	Students learn the morphology of the spinal cord
2	To teach students specific information on rights spinal cord
3	students in navigating within the spinal cord and the ways to teach
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 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	5	5
P3	5	4	5	4	5
P4	5	4	5	5	5
P5	5	4	5	4	5
P6	5	5	5	5	5

P7	5	5	5	4	5
P8	5	4	5	5	5
P9	5	5	5	4	5
P10	5	4	5	5	5