

**FTR213 - Neuroanatomy**

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)	ECTS
Neuroanatomy	FTR 213	2.year/1.term fall	2	-	-	2
Prequisites	-					
Course language	Turkish					
Course type	Compulsory					
Learning and teaching strategies	Lecture					
Instructor (s)						
Course objective(Aim of course)	To have knowledge about anatomy of nervous system					
Learning outcomes	1) Learn the general parts and concepts of neuroanatomy 2) Learn the central nervous system and pathologies 3) Learn peripheral nervous system and pathologies					
References	Richard S. Snell ; çev.ed. Mehmet Yıldırım. Klinik nöroanatomı. İstanbul : Nobel Tıp Kitabevleri, 2011 Doğan Taner. Fonksiyonel nöroanatomı. Ankara : ODTÜ Geliştirme Vakfı Yayıncılık ve İletişim-METU Press, 2014 Mehmet. Yıldırım. Temel nöroanatomı : temel anatomin bilgiler klinik özellikler çalışma soruları ve yanıtları seçilmiş şekiller. İstanbul : Nobel Tıp Kitabevleri, 2014					

**Course outline weekly:**

Weeks	Topics
1. Week	Introduction to Neuroanatomy and Classification
2. Week	Telencephalon, Ventricular system, Brain Membrane and Veins and Pathologies
3. Week	Diencephalon and Pathologies
4. Week	Mesencephalon, Pons, Bulbus and Pathologies I
5. Week	Mesencephalon, Pons, Bulbus and Pathologies II
6. Week	Cerebellum and Pathologies
7. Week	Medulla Spinalis and Pathologies
8. Week	MIDTERM EXAM
9. Week	Transmitting Ways and Pathologies of the Central Nervous System
10. Week	Introduction to Peripheral Nervous System and Pathologies
11. Week	Cranial Nerves and Pathologies I
12. Week	Cranial Nerves and Pathologies II
13. Week	Spinal Nerves and Pathologies I-II
14. Week	Autonomic Nervous System and Pathologies I-II
15. Week	Sense Organs and Pathologies

**ECTS (Student Work Load Table)**

Activities	Number	Duration	Total Work Load
Course Duration (X14 )	14	2	28
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	0.5	7
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	7	7
Final Exam Preparation Time	1	8	8
<b>Total Work Load ( hour) / 25(s)</b>	50 / 25		
<b>ECTS</b>	2		

### Evaluation System

Mid-Term Studies	Number	Contribution
Midterm exams	1	% 100
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
<b>Total Time To Activities For Midterm</b>		100
<b>Final works</b>		
Final	1	% 100
Homework		
Practice		
Laboratory		
<b>Total Time To Activities For Midterm</b>		100
Contribution Of Midterm Studies On Grades		% 40
Contribution Of Final Exam On Grades		% 60
<b>Total</b>		100

### The relationship between learning outcomes and the program qualifications of the courses

Program Qualifications	Learning outcomes		
	L.O.1	L.O. 2	L.O.3
1-Acquire proficient infrastructure related to the field of Physiotherapy and Rehabilitation, gain the ability to use theoretical and practical knowledge and skills in this field.	5	5	5
2-Identify, define the factors affecting health and gain problem-solving skill by using the information they have; plan and implement a treatment and exercise program with appropriate evidence-based methods and new techniques.	5	5	5
3-Gain the ability to use information technologies effectively, as well as the ability to select and use modern tools, techniques and agents necessary for physiotherapy and rehabilitation applications.			
4-Design individual and multidisciplinary research, keep records, prepare reports, analyze and interpret results for quality service and research in health sciences.			
5-They conduct a literature search to access the information by using evidence-based databases and information sources.			
6-Gain autonomy in interdisciplinary and individual studies, ability to work effectively and take responsibility and awareness of the universal and social effects of their professional practice.			
7-Adopt life-long learning; contribute to quality improvement, field-related training and introductory programs and exhibit their professional behavior at national and international level.			
8-Have deontological and ethical awareness in professional researches and applications.			

Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent