CROSS-SECTIONAL ANATOMY OF THE CENTRAL NERVOUS SYSTEM

1	Course Title:	CROSS-SECTIONAL ANATOMY OF THE CENTRAL NERVOUS SYSTEM
2	Course Code:	TIP2088
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. İHSANİYE COŞKUN
15	Course Lecturers:	Prof. Dr. İhsaniye COŞKUN
16	Contact information of the Course Coordinator:	ikiz@uludag.edu.tr 2953811 Uludağ Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Binası, Anatomi Anabilim Dalı, 16059,Nilüfer, Bursa
17	Website:	http://tip.uludag.edu.tr/ders/tip-2049.php
18	Objective of the Course:	To teach the anatomy of CNS in detail and to prepare the students for interpret radiological imagines, to describe relations of neighbour tissues , to examine on the horizontal, sagittal and coronal sections and to compare with BT and MR images.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	To teach central nervous system in detail
	2	To examine relations of neighbour tissues on the horizontal, sagittal and coronal sections
	3	To interpretation BT and MR images
	4	
	5	
	6	
	7	
	8	
	9	
	10	

21	Course Content:	

Course Content:	

Week	Theoretical	Practice
1	Identification of the central nervous system	
2	Telencephalon, diencephalon, lateral ventricles	

3	Brain stem, third and fourth ventricles	
4	Spinal cord, blood supply to the brain and spinal cord	
5	Characteristics of the sections of the brain	
6	Axial sections - 1	
7	Axial sections - 2	
8	Coronal sections -1	
9	Coronal sections -2	
10	Sagittal sections -1	
11	Sagittal sections -2	
12	Representative CT and MRI sections -1	
13	Representative CT and MRI sections -2	
14	Representative CT and MRI sections -3	

| 22 | Textbooks, References and/or Other Materials: | 1-Weir J, Abrahams PH:Imaging Atlas of Human Anatomy. 2nd edit. 1998.
2-England MA, Wakely J: A Color Atlas of the Brain and Spinal Cord. 1993.
3-Bergman RA, Afifi AK, Jew JJ, Reimann PC. Atlas o Human in Cross Section. 2004.
4- Sobotta Atlas of Human Anatomy. R. Putz, R. Pabst, 3 Volumes, (Turkish translation) 7th Edition, Beta Basım Yayım, Munchen, 2011, ISBN 9786053775010 |
| 23 | Assesment | |

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade	40.00	
Contribution of Final Exam to Success Grade	60.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course		

24	ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	4.00	4.00
Others	0	0.00	0.00
Final Exams	1	4.00	4.00
Total Work Load			64.00
Total work load/ 30 hr			2.13
ECTS Credit of the Course			2.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High