NEUROPHYSIOLOGY											
1	Course Title:	NEURO	PHYSIOLOGY								
2	Course Code:	TFZ 600	3								
3	Type of Course:	Compuls	SOFY								
4	Level of Course:	Third Cy	cle								
5	Year of Study:	1									
6	Semester:	1									
7	ECTS Credits Allocated:	6.00									
8	Theoretical (hour/week):	2.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	-									
12	Language:	Turkish									
13	Mode of Delivery:	Face to t	face								
14	Course Coordinator:	Prof. Dr.	TÜLİN ALKAN								
15	Course Lecturers:	Prof. Dr.	N. İŞBİL BÜYÜKCOŞKUN, Doç. Dr. Bülent GÖREN								
16	Contact information of the Course Coordinator:	talkan@uludag.edu.tr 2954016 Uludağ Üniversitesi Tıp Fakültesi Fizyoloji Anabilim Dalı 16059									
17	Website:										
18	Objective of the Course:	The objective of the course is to teach the students how the mechanism of the nervous system works and the relations between various body functions and these mechanisms.									
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	To explain the basic electrophysiology of central nervous system								
		2	To summarise the major sensory and motor pathways								
		3	To describe the physiology of pain with respect to the mediators, pathways and reflexes								
		4	To elaborate sensory and motor cortex and extrapyramidal tractus and functions								
		5	To describe general principles of cognitive functions								
		6	To describe integration of central nervous system activity via the other systems								
		To understand basic principles of special senses									
		8									
		9									
		10									
21	Course Content:										

	Course Content:											
Week	Theoretical		Practice									
1	General principles of the nervous sys	stem										
2	Somatic sensations: tactile and positi senses	ion										
3	Somatic sensations: pain and therma sensations	l										
4	Functions of the spinal cord											
5	Vestibuler senses and maintenance of equilibrium	of										
6	Serebellum and its motor functions Functions of the basal ganglia											
7	Cortical and brain stem control of mo function	tor										
8	Brain waves, sleep and epilepsy											
Activit	es		Number	Duration (hour)	Total Work Load (hour)							
Theore	Gerebral blood flow, cerebrospinal flu	uid and	14	2.00	28.00							
Practica	als/Labs		0	0.00	0.00							
Se fi2 stu	dhamutoneperiation vous system		2	20.00	40.00							
Homew	vorks		1	30.00	30.00							
Project	Neural structure and function of the r	etina	0	0.00	0.00							
Field S	tudies		0	0.00	0.00							
Midtern	The chemical senses, taste and sme	п	1	30.00	30.00							
Others			0	0.00	0.00							
Fiftat E	Lextbooks, References and/or Other		1 Guyton & Hall "Tibbi	/ton & Hall "Tibbi Lizyaloji" 978-975-420-558-9								
Total W	/ork Load				178.00							
Total w	ork load/ 30 hr		(IDBIN 978-975-420-820	9) Ioles Of Neural Scie	5.93							
ECTS (Credit of the Course				6.00							
	Accoment											
Z3 TEDM I			WEIGHT									
		R										
Midtern	n Exam	1	25.00									
Quiz		0	0.00									
Home v	work-project	1	25.00									
Final E	xam	1	50.00									
Total		3	100.00									
Contrib Succes	ution of Term (Year) Learning Activitie s Grade	es to	50.00									
Contrib	ution of Final Exam to Success Grade	9	50.00									

Total								100	100.00								
Measurement and Evaluation Techniques Used in the Course							e										
24 E	CTS/	TS / WORK LOAD TABLE															
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1	5	5	0	4	0	0	0	Ο	5	5	5	0	0	0	0	0	

Contrib ution Level:	1 \	/ery	low		2 low		3	Medi	um		4 Hig	h		5 Ver	y High	
LO: Learning Objectives PQ: Program Qualifications																
ÖK7	5	5	0	5	0	0	0	0	5	5	5	0	0	0	0	0
ÖK6	5	5	0	5	0	0	0	0	5	5	5	0	0	0	0	0
ÖK5	5	5	0	4	0	0	0	0	5	5	5	0	0	0	0	0
ÖK4	5	5	0	5	0	0	0	0	5	5	5	0	0	0	0	0
ÖK3	5	5	0	5	0	0	0	0	5	5	5	0	0	0	0	0
ÖK2	5	5	0	4	0	0	0	0	5	5	5	0	0	0	0	0
	5	5	0	4	0	0	0	0	5	5	5	0	0	0	0	0