

Medicine			
Bachelor	TR-NQF-HE: Level 7	QF-EHEA: Second Cycle	EQF-LLL: Level 7

Course Introduction and Application Information

Course Code:	TIP065		
Course Name:	The Brain in Everyday Life		
Semester:	Fall Spring		
Course Credits:	<div>ECTS</div> <div>2</div>		
Language of instruction:	Turkish		
Course Condition:			
Does the Course Require Work Experience?:	Yes		
Type of course:	Departmental Elective		
Course Level:	<div>Bachelor</div> <div>TR-NQF-HE:7. Master`s Degree</div> <div>QF-EHEA:Second Cycle</div> <div>EQF-LLL:7. Master`s Degree</div>		
Mode of Delivery:	Face to face		
Course Coordinator:	Dr. Öğr. Üy. GÖKÇER ESKİKURT		
Course Lecturer(s):	Asst. Prof. Gökçer Eskikurt		
Course Assistants:			

Course Objective and Content

Course Objectives:	In this course, the mechanisms of the processes that our brain often perform automatically in daily life and the consequences in the absence of these processes will be explained. As a result, it is aimed for the student to see the relationship between behavior, cognition and the brain. At the same time, it is aimed to learn the effects of the functions that the brain performs in the background on our daily life.
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Course Content:	In our daily life, our brain does many situations automatically without being aware of it. In this course, these processes that the brain makes automatically will be explained through various daily examples and disease states.
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Learning Outcomes

The students who have succeeded in this course;

- 1) Explain the recording, imaging and stimulation methods used in brain research
- 2) Knows today's explanations of the concept of consciousness
- 3) Knows the function of memory in daily life and differentiates memory types
- 4) Knows the relationship of self-concept with the brain
- 5) Know the specialized functions of various brain regions
- 6) Can comment on the illusions produced by the brain in daily life
- 7) Can explain the effect of brain damage or differences on behavior

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction of the course	
2)	Research Methods Used in Neuroscience	
3)	What Is It Like To Be A Bat?	
4)	I Would Surely See	
5)	Should You Like a Weather Forecaster or a Broker?	
6)	Not To Forget Any Moment	
7)	Getting Lost Permanently	
8)	Running Out of Memory	
9)	Seeing Auras	
10)	Change Personality	
11)	An Endless Hallucination	
12)	Waking Up Dead	
13)	How Does The Brain Read?	
14)	How Many Sticks Did You Count?	
15)	Final Exam	

Sources

Course Notes / Textbooks:	Dersin kaynak kitabı bulunmamaktadır. / The course does not have a mandatory resource.
References:	Dersin konuları ile ilişkili güncel makaleler ve ders slaytları. / Articles mentioned in the course related with topics and lecture slides

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6	7
Program Outcomes							
1) The graduate integrates the knowledge, skills, attitudes, and behaviours acquired from basic and clinical sciences, behavioural sciences, and social sciences in the form of competencies and uses them for the provision of rational, effective, safe health care services in accordance with quality standards in the prevention, diagnosis, treatment, follow-up, and rehabilitation processes, and during the process considers protection of both patient's health and healthcare workers health including her/his own.	1	1	1	1	1	1	1
2) The graduate shows a biopsychosocial approach in patient management that considers the sociodemographic and sociocultural background of the individual without discrimination of language, religion, race, and gender.							
3) The graduate prioritizes the protection and development of the health of individuals and society in the provision of health care services.	1	1	1	1	1	1	1
4) The graduate, considering the individual, social, public, and environmental factors affecting health; works towards maintaining and improving the state of health.	1	1	1	1	1	1	1
5) In the provision of health care services, the graduate considers both the changes in the physical and socioeconomic environment on a regional and global scale that affect health, as well as the changes in the individual characteristics and behaviours of the people who apply to her/him.	2	2	2	2	2	2	2
6) The graduate recognizes the characteristics, needs and expectations of the target population and provides health education to healthy/sick individuals and their relatives and other health care workers.	1	1	1	1	1	1	1
7) While carrying out her/his profession, the graduate fulfils her/his	1	1	1	1	1	1	1

<p>duties and obligations with determined behaviours to provide high-quality health care within the framework of ethical principles, rights and legal responsibilities and good medical practices, considering the integrity, privacy, and dignity of the patient.</p> <p>Course Learning Outcomes</p>	1	2	3	4	5	6	7
8) The graduate evaluates and improves her/his own performance in professional practices in terms of emotions, cognitive characteristics, and behaviours.	1	1	1	1	1	1	1
9) The graduate physician advocates improving the provision of health services by considering the concepts of social reliability and social commitment to protect and improve public health.	1	1	1	1	1	1	1
10) To protect and improve health, the graduate physician can plan and carry out service delivery, training and consultancy processes related to individual and community health in cooperation with all components.	2	2	2	2	2	2	2
11) The graduate physician evaluates the impact of health policies and practices on individual and community health indicators and advocates increasing the quality of health services.	2	2	2	2	2	2	2
12) The graduate physician attaches importance to protecting and improving her/his own physical, mental, and social health, and does what is necessary for this.							
13) During the provision of health care, the graduate shows exemplary behaviours and leads within the health team.							
14) The graduate uses the resources cost-effectively, in the planning, implementation, execution, and evaluation processes of the health care services in the health institution she/he manages, for the benefit of the society and in accordance with the legislation.	3	3	3	3	3	3	3
15) The graduate communicates positively within the health team with whom she/he provides health care services, being aware of the duties and obligations of other health workers and shows appropriate behaviours to assume different team roles when necessary.	1	1	1	1	1	1	1
16) The graduate works harmoniously and effectively with her/his colleagues and other professional groups in her/his professional practice.	1	1	1	1	1	1	1
17) The graduate communicates effectively with patients, patient relatives, health care workers and other professional groups, institutions, and organizations, including individuals and groups that require a special approach and have different sociocultural characteristics.	1	1	1	1	1	1	1

18) The graduate shows a patient-centred approach in the protection, diagnosis, treatment, follow-up, and rehabilitation processes that involve the patient and patient's caregivers as partners in the decision-making mechanisms.	1 1	1 2	1 3	1 4	1 5	1 6	1 7
19) When necessary, the graduate plans and implements scientific research for the population she/he serves, and uses the results obtained and/or the results of other research for the benefit of the society.							
20) The graduate reaches the current literature information related to her/his profession, evaluates critically, and applies the principles of evidence-based medicine in the clinical decision-making process.	3	3	3	3	3	3	3
21) The graduate uses information technologies to improve the effectiveness of her/his work in health care, research, and education.	1			1			
22) The graduate effectively manages individual study and learning processes and career development.	1	1	1	1	1	1	1
23) The graduate demonstrates the ability to acquire, evaluate, integrate new knowledge with existing knowledge, apply it to professional situations, and adapt to changing conditions throughout professional life.	1	1	1	1	1	1	1
24) The graduate chooses the right learning resources to improve the quality of the health care service she/he provides, organizes her/his own learning process.	2	2	2	2	2	2	2

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	The graduate integrates the knowledge, skills, attitudes, and behaviours acquired from basic and clinical sciences, behavioural sciences, and social sciences in the form of competencies and uses them for the provision of rational, effective, safe health care services in accordance with quality standards in the prevention, diagnosis, treatment, follow-up, and rehabilitation processes, and during the process considers protection of both patient's health and healthcare workers health including her/his own.	1
2)	The graduate shows a biopsychosocial approach in patient management that considers the sociodemographic and sociocultural background of the individual without discrimination of language, religion, race, and gender.	

3)	The graduate prioritizes the protection and development of the health of individuals and society in the provision of health care services.	1
4)	The graduate, considering the individual, social, public, and environmental factors affecting health; works towards maintaining and improving the state of health.	1
5)	In the provision of health care services, the graduate considers both the changes in the physical and socioeconomic environment on a regional and global scale that affect health, as well as the changes in the individual characteristics and behaviours of the people who apply to her/him.	2
6)	The graduate recognizes the characteristics, needs and expectations of the target population and provides health education to healthy/sick individuals and their relatives and other health care workers.	1
7)	While carrying out her/his profession, the graduate fulfils her/his duties and obligations with determined behaviours to provide high-quality health care within the framework of ethical principles, rights and legal responsibilities and good medical practices, considering the integrity, privacy, and dignity of the patient.	1
8)	The graduate evaluates and improves her/his own performance in professional practices in terms of emotions, cognitive characteristics, and behaviours.	1
9)	The graduate physician advocates improving the provision of health services by considering the concepts of social reliability and social commitment to protect and improve public health.	1
10)	To protect and improve health, the graduate physician can plan and carry out service delivery, training and consultancy processes related to individual and community health in cooperation with all components.	2
11)	The graduate physician evaluates the impact of health policies and practices on individual and community health indicators and advocates increasing the quality of health services.	2
12)	The graduate physician attaches importance to protecting and improving her/his own physical, mental, and social health, and does what is necessary for this.	
13)	During the provision of health care, the graduate shows exemplary behaviours and leads within the health team.	
14)	The graduate uses the resources cost-effectively, in the planning, implementation, execution, and evaluation processes of the health care services in the health institution she/he manages, for the benefit of the society and in accordance with the legislation.	3
15)	The graduate communicates positively within the health team with whom she/he provides health care services, being aware of the duties and obligations of other health workers and shows appropriate behaviours to assume different team roles when necessary.	1

16)	The graduate works harmoniously and effectively with her/his colleagues and other professional groups in her/his professional practice.	1
17)	The graduate communicates effectively with patients, patient relatives, health care workers and other professional groups, institutions, and organizations, including individuals and groups that require a special approach and have different sociocultural characteristics.	1
18)	The graduate shows a patient-centred approach in the protection, diagnosis, treatment, follow-up, and rehabilitation processes that involve the patient and patient's caregivers as partners in the decision-making mechanisms.	1
19)	When necessary, the graduate plans and implements scientific research for the population she/he serves, and uses the results obtained and/or the results of other research for the benefit of the society.	
20)	The graduate reaches the current literature information related to her/his profession, evaluates critically, and applies the principles of evidence-based medicine in the clinical decision-making process.	
21)	The graduate uses information technologies to improve the effectiveness of her/his work in health care, research, and education.	
22)	The graduate effectively manages individual study and learning processes and career development.	2
23)	The graduate demonstrates the ability to acquire, evaluate, integrate new knowledge with existing knowledge, apply it to professional situations, and adapt to changing conditions throughout professional life.	1
24)	The graduate chooses the right learning resources to improve the quality of the health care service she/he provides, organizes her/his own learning process.	2

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Attendance	28	% 0
Homework Assignments	1	% 40
Final	1	% 60
total		% 100
PERCENTAGE OF SEMESTER WORK		% 40

PERCENTAGE OF FINAL WORK		% 60
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	15	30
Study Hours Out of Class	16	16
Homework Assignments	1	1
Final	1	1
Total Workload		48