

TITLES	EXPLANATIONS
Title of Course	Cognitive Processes I : Brain and Behavior
Code of Course	PSK 323
Type of Course	Compulsory
Level of Course	Undergraduate
Year of Study	3
Semester/Trimester	5
Number of ECTS	4
Name of Lecturer(s)	STAFF
Course Learning Outcomes	At the end of this course students are able to; LO1. Understand the relationship between the information processing processes and behavior in the brain. LO2. Learn the evolutionary development of the brain. LO3. Understand the effect of neural interactions in the brain on behavior. LO4. Learn the influence and neural basis of emotions on behavior. LO5. Learn the role of the brain in understanding themselves and their relationships to others.
Mode of Delivery	Yüzyüze
Prerequisites and Co-requisites	Yok
Recommended Optional Programme Component	Yok
Course Contents	1. Introduction 2. Motor Control in the Brain 3. Attention and The Effect of Attention on Stimuli Processing 4. Control of Attention in the Brain 5. Neural Mechanisms of Memory I 6. Neural Mechanisms of Memory II 7. Neural Basis of Language 8. Executive Functions' Control in the Brain 9. Brain and Decision Making 10. Brain and Emotions 11. Brain and Social Cognition 12. Evolution and Development of Brain I 13. Evolution and Development of Brain II 14. General Evaluation
Recommended or Required Reading	(Primary Textbook) Purves, D., Cabeza, R., Huettel, S.A., LaBar, K.S., Platt, M.L., Woldorff, M.G. (2013) <i>Principles of Cognitive Neuroscience</i> (2 th Ed). Sunderland, MA: Sinauer. (Suggested References) Solso, R.L., MacLin, O.H., MacLin M.K. (2007) <i>Cognitive Psychology</i> (8 th Ed.) Boston: Pearson * Bu derste kullanılacak temel materyaller her yıl güncellenmektedir.
Planned Learning Activities and Teaching Methods	This course is conducted through discussions on the material presented in class and over the compulsory reading material. With this aim in mind, (a) regular lectures supported by visual presentations and (b) class discussions are used. These class discussions are designed in a way to help students apply different psychological perspectives to the material being presented.
Assessment Methods and Criteria	1 Midterm, 5 Quizzes, 1 Final Exam
Language of Instruction	Turkish
Practicum	None

Course Learning Outcomes	LO1	LO2	LO3	LO4	LO5
Program Outcomes					
Analyze problems with the scientific method and appropriate scientific tools.					
Think critically and creatively, ask questions, make comments using the knowledge and skills they have acquired.					
Develop a positive attitude toward life-long education.					
Use the library, scientific databases, internet and other sources effectively.					
Have the skills to find out, analyze, evaluate, decide about, and apply the alternative solutions to problems.	X			X	X
Be open-minded to use knowledge stemming from different disciplines and/or areas of psychology.	X	X	X	X	X
Develop a positive attitude toward critical thinking.					
Have advanced theoretical and applied knowledge of psychology supported by contemporary course material.	X	X	X	X	X
Have the necessary knowledge and skills to analyze and synthesize the main areas of psychology.	X	X	X	X	X
Be competent in English and Turkish.					
Use effective methods to present, share and discuss scientific information.					
Be able to write scientific papers by using international manuals such as APA.					
Show courage and use the necessary skills to propose solutions to the problems of the world they live in.					
Show courage and have necessary skills to propose solutions to the problems of their own life.	X			X	X
Have a positive attitude to statistics and be able to use common statistical software packages.					
Be able to plan and conduct research independently.					
Apply qualitative and/or quantitative methods depending on the nature and the scope of a given problem.					
Know the research methods and statistical procedures used in behavioral sciences.					
Use tools such as questionnaires, inventories, scales, and tests.					
Apply psychological knowledge to other problem areas for community welfare.					
Use theoretical and applied knowledge in accordance with ethical standards.					