

<b>Course Name:</b> Neuropsychological Tests		<b>Course Level:</b> Undergraduate		<b>Language:</b> English	
<b>Course Code</b>	<b>Prerequisites</b>	<b>Corequisites</b>	<b>(T + P hours)</b>	<b>ECTS Credit</b>	<b>Type</b>
PSYC4512	PSYC4504	None	3+0	5	Elective

**Course objectives:** Examination of basic topics and test applications in neuropsychology.

**Course description:** Discussion of basic research methods and approaches in neuropsychology. Explaining the neuropsychological evaluation and steps in the standardization of neuropsychological tests. Application and scoring of neuropsychological tests. Explaining the cognitive processes and related neurological structures through the use of neuropsychological tests. Discussion of a comprehensive understanding of an individual's strengths and impairments. Examination of customized recommendations for therapy, treatments, educational assistance, and medications.

**Evaluation system (in percentages):**

Midterm	Final	Total
%40	%60	100

## Reference

Lezak, M. D., Howieson, D. B., Loring, D. W., & Fischer, J. S. (2004). *Neuropsychological assessment*. Oxford University Press, USA.

## Weekly Course Topics

Week	Topic
1.	Introduction - Introduction to the course
2.	Evaluation of attention
3.	Evaluation of attention
4.	Evaluation of orientation
5.	Evaluation of verbal memory processes
6.	Evaluation of verbal memory processes
7.	Midterm
8.	Evaluation of executive functions
9.	Evaluation of executive functions

10.	Evaluation of visual-spatial functions
11.	Evaluation of visual-spatial functions
12.	Evaluation of language and verbal skills
13.	Evaluation of language and verbal skills
14.	Praxia assessment

## Contribution of the Course to the Program Outcomes

### Course Outcomes

Students will gain the following knowledge and skills at the end of the course:

1. Appraise the motor functions.
2. Identify neuropsychological tests.
3. Discuss the neuropsychological testing.
4. Identify the historical development of neuropsychological tests

	Program Outcomes	CO1	CO2	CO3	CO4
1.	To examine and compare different concepts in subfields of psychology and to have basic application skills.				
2.	To apply analytical and critical thinking skills in various fields of psychology, to be able to solve the problems related to the field with contemporary methods.			X	X
3.	The student has the skills to interpret facts, events and data, to define and analyze problems, to develop solutions based on research and evidence by using the knowledge and skills they have acquired in the field.				
4.	Discussing and criticizing professional and ethical issues in program design and professional practice.				
5.	To explain the procedures and rules in psychological measurement and interview techniques, and to develop the ability to apply them at a basic level.	X	X	X	
6.	Adopting the rules of the positivist method and designing scientific research, collecting data, analyzing data and scientifically reporting the results.				
7.	To gain the basic principles of scientific thinking, to be able to separate and / or integrate the knowledge gained by other disciplines with a critical point of view.				
8.	To develop the competence for using the necessary information and communication technologies used to reach and spread information.		X		
9.	To use oral and written communication skills effectively both in Turkish and at least one foreign language.				
10.	Working effectively in individual and multidisciplinary research teams.				
11.	To develop respect for interpersonal and cultural diversity and to have social responsibility.				
12.	To be aware of psychological resilience, personal and professional development.				

Course Evaluation and ECTS Workload			
Types of Work	Number	ECTS Workload	
		Time	
Attendance	14	3	42
Final exam	1	20	20
Quizzes	5	2	10
Semester project	0	0	0
Assignments	0	0	0
Final project	0	0	0
Seminar	0	0	0
Duties	0	0	0
Presentation	0	0	0
Midterm	1	10	10
Project	0	0	0
Lab	0	0	0
Private lesson time	0	0	0
Other (Personal study)	14	3	42
		Total workload	124
		Total workload/25	4.96
		ECTS Credit	5

**Teaching Methods and Techniques:** Lecture, Discussion  
**Prepared By:**

**Date:** 05.09.2020