Course Name: Measurement Techniques	**Course Level:** Undergraduate	**Language:** English

Course Code	**Prerequisites**	**Corequisites**	**(T + P hours)**	**ECTS Credit**	**Type**
PSYC3204	-	-	3+0	6	Compulsory

Course objectives: Learning psychological testing and measurement techniques.

Course description: An introduction to the principles of psychological testing and measurement. Test design, test construction, definitions of validity, test-retest reliability, internal reliability, face validity, content validity, convergent and discriminant validities, basic psychometric analysis, test norming, test administration. The history of measurement and the current state of the art. Introduction to psychological tests used in professional area. Criticism of scientific journal articles based on the method sections.

Evaluation system (in percentages):

Midterm	**Midterm 2**	**Ethics Report**	**Attendance**	**Final**	**Total**
%25	%20	%5	%10	%40	100

Reference

Cohen, R. J., & Swerdlik, E. M. (2002). *Psychological testing and assesment*. New York: McGraw-Hill Book Co.

Weekly Course Topics

Week	**Topic**
1.	General Introduction
2.	Development and History of Psychological Tests. Types of Tests and Usage Tools. Ethical Rules Regarding the Use of Test
3.	Standardization: Norms and Test Standardization in Practice
4.	Reliability and Validity
5.	Reliability and Validity-SPSS
6.	Reliability and Validity-SPSS
7.	Midterm
8.	Test Development-Attitude and Idea Measurement Ethical Report Preparation
9.	Method Section Criticism-Critical Reading
10.	Method Section Criticism-Critical Reading-Sampling Methods
11.	Midterm 2

12.	Qualitative Research and Observation Techniques
13.	Introduction to Measuring Individuals: Examples of Development Tests and Evaluations
14.	An overview

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.Discuss the ethical issues in psychological research.

2.Compare and contrast the different psychological testing and measurement techniques that developed with different theoretical perspectives.

3.Learn the definitions of psychometric properties in psychological testing and measurement techniques.

4.Know quantitative and qualitative methods of measurement.

5.Discuss the psychometric properties of current psychological testing and measurement techniques.

	Program Outcomes	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**
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.					

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.	X				
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.				X	X
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.					
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	30	30
Quizzes	0	0	0
Semester project	0	0	0
Assignments	0	0	0
Final project	0	0	0
Seminar	0	0	0
Duties	0	0	0
Presentation	1	8	8
Midterm	2	14	28
Project	0	0	0
Lab	0	0	0
Private lesson time	0	0	0
Other (Personal study)	14	3	42
		Total workload	150
		Total workload/25	6
		ECTS Credit	6

Teaching Methods and Techniques: Lecture, Practice, Homework

Prepared By: **Date:**