



**ISTANBUL 29 MAYIS UNIVERSITY
COURSE DESCRIPTION**

FACULTY:	Faculty of Letters		
DEPARTMENT:	Psychology		
COURSE TITLE:	Research Methods 2		
COURSE CODE:	PSY 206	SEMESTER:	Spring
CREDIT:	3 CREDITS / 5 ECTS	T+P (HOURS):	3+0
COURSE TYPE:	Compulsory	LANGUAGE:	ENGLISH
PREREQUISITES:	Must have successfully passed <i>Research Methods 1</i> course.		
CLASS ATTENDANCE POLICY:	<p>Students are required to attend class. Attendance will be taken at the beginning of the lecture. Entries and exits from the class will not be accepted 10 minutes after the start of the class. Per the class attendance policy, students who arrive at class more than 10 minutes after the start time or who leave class before the official end time will not be counted as present. Professors cannot excuse absences. Students must also participate in the online portion of the course. The class attendance policy also applies to online studies.</p> <p>In group supervision classes, all group members must be present at the allotted time. In these supervision groups, students will be subjected to a verbal exam. The grades of students who do not attend these classes will be scored as zero.</p>		
INSTRUCTOR:	Assoc. Prof. Dr. Nesrin DUMAN		
COURSE CONTENT:	<p>Within the scope of this course, the process of collecting research data (<i>Google Forms</i>), digitizing the data, entering the data set into the SPSS program, performing data analysis, and tabulating, expressing, and writing the formulas of the data according to the APA-7 format will be taught. Normality tests, Cronbach alpha calculation, parametric and non-parametric analyses, and correlation (<i>Pearson and Spearman</i>) analyses will be studied. At the end of the course, students will be asked to analyze the dataset given to them and report it in APA-7 format.</p>		
COURSE OBJECTIVES:	The aim of this course is to provide students with basic theoretical and practical knowledge necessary for research planning, implementation and presentation.		

LEARNING OUTCOMES OF THE COURSE:

Learning Outcomes (LO) ÖY

The students who succeeded in this course should be able to:

- LO- 1: Understanding the basic principles of research methods. 1,5,6
 LO- 2: Ability to absorb scientific research methods. 1,5,6
 LO- 3: To be able to comprehend the techniques used in providing control in general screening methods used in psychology. 1,5,6
 LO- 4: To be able to create a scientific problem and hypothesis. 1,5,6
 LO- 5: Library research and internet browsing. 1,5,6
 LO- 6: Ability to design research patterns to answer a research question. 1,5,6
 LO-7: Ability to write research reports. 1,5,6
 LO- 8: Ability to read, understand and criticize an article. 1,5,6
 LO- 9: To be able to comprehend the relationships between basic statistical methods and research pattern. 1,2,4,5,6

AM : Assessment Methods and Criteria: Written Exam (1), Verbal exam(2), Homework (3), Labor study exam (4), Seminar/ Presentation (5), Term paper (6)

TEACHING METHODS:

Group work, group supervision, questions-answers, computer-aided analysis

Contribution of Learning Outcomes to Programme Outcomes		Cont. Level (*)		
		1	2	3
PO-1	Evaluates findings and assumptions in the field of psychology with a scientific and critical approach.			X
PO-2	Collects, analyzes and interprets psychological research data and reports the results in accordance with scientific spelling rules.		X	
PO-3	To be able to comprehend the techniques used in providing control in screening methods used in psychology.			X
PO-4	To be able to create a scientific problem and hypothesis.		X	
PO-5	Library research and internet browsing.			X
PO-6	Ability to write research reports.			X
PO-7	He has the knowledge and skills to monitor innovations and developments in psychology and other branches of science related to psychology.		X	

PO-8	Acts in accordance with professional principles and ethical rules for the field of psychology.			X
PO-9	He/she treats different identity groups such as age, gender, language, race, religion, social class without prejudice and equal in his/her scientific and professional activities.		X	
PO-10	Evaluates findings and assumptions in the field of psychology with a scientific and critical approach.			X
PO-11	Uses concepts and theories of psychology in various fields of application of psychology.		X	
PO-12	He has theoretical knowledge of the main subfields of psychology.			x

(*): 1: Low 3: High

COURSE OUTLINE

1.WEEK	General overview of course syllabus Determination of study groups
2.WEEK	Preparation of scales in Google Forms Introducing the SPSS program SPSS data entry: How to enter data into SPSS
3.WEEK	Descriptive analyses Ability to read tables and write with formulas according to APA-7
4.WEEK	Cronbach alpha Ability to read tables and write with formulas according to APA-7
5.WEEK	Normality tests (<i>skewness-curtosis</i>) Ability to read tables and write with formulas according to APA-7
6.WEEK	*Group work (free time)
7.WEEK	Group supervision (each group 15 min.) <i>Descriptive analysis-data collection tools-cronbach alpha-normality tests</i>
8.WEEK	<i>Ramadan Bayram</i>
9.WEEK	<i>Visa exam week (15-19 April 2024)</i>
10.WEEK	23 April National Sovereignty and Children's Day

11.WEEK	Parametric tests-> comparative analysis-> t-test Ability to read tables and write with formulas according to APA-7 Parametric tests application examples
12.WEEK	Parametric tests-> comparative analysis-> ANOVA+Post Hoc Ability to read tables and write with formulas according to APA-7 Parametric tests application examples
13.WEEK	Non-parametric tests-> comparative analysis-> Mann Whitney U Ability to read tables and write with formulas according to APA-7 Non- Parametric tests application examples
14.WEEK	Non-parametric tests-> comparative analysis-> Kruskal-Wallis H Ability to read tables and write with formulas according to APA-7 Non- Parametric tests application examples
15. WEEK	Correlation (<i>Spearman and Pearson</i>) analysis Ability to read tables and write with formulas according to APA-7
16.WEEK	Group supervision (each group 15 min.) <i>Parametric& non-parametric tests</i>
17.WEEK	<i>Eid al-Adha Bayram</i>
18.WEEK	<i>Final exam week (24 June-6 July 2024)</i>

REQUIRED TEXTBOOK(S) / COURSE MATERIAL(S)

[1]	Howell, D. C. (2017). <i>Fundamental statistics for the behavioral sciences-Cengage Learning</i> . Wadsworth Publishing
[2]	Howell, D. C. (2012). <i>Statistical Methods for Psychology</i> . Wadsworth Publishing

RECOMMENDED COURSE MATERIAL(S)

[1]	Balçı, S. Ve Ahi, B. (2020). <i>SPSS kullanma kılavuzu SPSS ile adım adım veri analizi</i> . İstanbul: Anı Yayıncılık.
[2]	Büyüköztürk, Ş. (2011). <i>Sosyal bilimler için veri analizi el kitabı</i> . Ankara: Pegem Akademi.
[3]	Duman, N. (2024). <i>SPSS İleri İstatistik ders notları</i> .

EVALUATION METHODS:		NUMBER	PERCENT. (%)
	Group supervision no.1	1	30
	Assignment no.1	1	20
	Group supervision no.2	1	25
	Assignment no.2	1	25

ECTS Workload Calculation Table			
Activity	Time Period (hours/unit)	Quantity	Total Workload Hours
Face to face education	3	16	48
Preparation for class	3	16	48
Preparation for assignments	6	2	12
Midterm exam			
Homework			
Preparation for verbal exams	6	2	12
Final project file			
Total Workload			120
Total Workload / 25,5 (h)			4,64
Number of ECTS Credits Allocated			5