

**ÇAĞ UNIVERSITY**  
**FACULTY OF ART AND SCIENCE**  
**PSYCHOLOGY DEPARTMENT**

Code	Course Title	Credit	ECTS	
PSY 260	Research Methods II	(3-0-)3	5	
Prerequisites		Statistic II		
Language of Instruction		English	Mode of Delivery	
Type and Level of Course		Compulsory/2.Year/Spring Semester		
Lecturers	Name(s)	Lecture Hours	Office Hours	
Course Coordinator	Assist. Prof. Dr. Sena Doğruyol		senadogruyol@cag.edu.tr	
Others				
Course Objective				
Course aims to provide students a familiarity with and understanding of various research methods in the behavioral sciences so that they can conduct their own research, understand the strengths and limitations of research methods, critically evaluate information about human behavior presented in both professional journals and the popular media, and develop proficiency in professional scientific writing.				
Learning Outcomes of the Course		Students who have completed the course successfully should be able to	Relationship	
			Prog. Output	
			Net Effect	
	1	Explain the theoretical foundations and rationale of psychological experimentation.	5	5
	2	Evaluate the adequacy of others' research findings as presented in scientific and popular media sources.	5 & 7 & 8	5 & 4 & 4
	3	Develop an operationally defined hypothesis.	5 & 7	5 & 4
	4	Design an experimental research study, and collect and analyze data.	2 & 5 & 7 & 8	4 & 5 & 4 & 4
5	Write persuasively, and in APA format, about psychological research.	2 & 5 & 7 & 9	4 & 5 & 4 & 4	
6	Apply the ethical demands of research and clearly and effectively present research to the others.	5 & 7	5 & 4	
Course Description: This course is an introduction to experimental method and d its application to psychological research. The main purpose of this course is on fundamentals of scientific thinking, basics of theory developments and hypothesis testing, and reframing nature and social events in a scientific perspective. Thus, students are going to have an opportunity to develop necessary skills to conduct their own psychological research, test their own hypothesis and report their findings in APA style.				
Course Contents: (Weekly Lecture Plan)				
Weeks	Topics	Preparation	Teaching Methods	
1	Introduction		Lectures	
2	Single Factor Designs		Presentation & Interactive Discussion	
3	Control in Single Factor Designs		Presentation & Interactive Discussion	
4	Factorial Designs		Presentation & Interactive Discussion	
5	Varieties of Factorial Des igns		Presentation & Group-Based Activities	
6	Research Findings and SPSS		Presentation & Group-Based Activities	
7	Criticizing a Research Paper - SPSS		Presentation & Group-Based Activities	
8	Quasi-Experimental Designs		Presentation & Group-Based Activities	
9	Midterm Exam			
10	Midterm Exam			
11	Student Presentations		Presentation & Q&A	
12	Student Presentations		Presentation & Q&A	
13	Student Presentations		Presentation & Q&A	
14	Student Presentations		Presentation & Q&A	
15	Final Exam			
REFERENCES				
Textbook	Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2000). Research methods in psychology. McGraw-Hill.			
Course Notes				

Recommended Reading	Goodwin, C. James (2010). <i>Research in Psychology: Methods and Design</i> . New York: John Wiley & Sons American Psychological Association. Publication Manual of the American Psychological Association (5th Edition). Washington DC 201
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Material Sharing			
ASSESSMENT METHODS			
Activities	Number	Effect	Notes
Midterm Exam	1	30%	
Presentation and Group Assignment		30%	
Final Exam	1	40%	
ECTS TABLE			
Contents	Number	Hours	Total
Hours in Classroom	14	3	42
Hours out Classroom	14	3	42
Homeworks	1	4	4
Observation Study	1	15	15
Midterm Exam	1	12	12
Fieldwork	1	15	15
Final Exam	1	20	20
		Total	150
		Total / 30	=150/30=5
		ECTS Credit	5
RECENT PERFORMANCE			