

ÇAĞ UNIVERSITY
FACULTY OF ART AND SCIENCE
PSYCHOLOGY DEPARTMENT

Code	Course Title	Credit	ECTS
PSY 205	Research Methods I	(3-0-)3	5
Prerequisites	Statistic II		
Language of Instruction	English	Mode of Delivery	Face to face
Type and Level of Course	Compulsory/2.Y ear/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 studies.	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 its application to psychological research. The main focus 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	none	Lectures
2	Scientific method and ethical issues in psychological research		Presentation & Question/Answer
3	Classification of research		Presentation & Demonstration
4	Data collection process: Sampling methods		Presentation & Interactive Discussion
5	Observation and survey research-I		Presentation & Group-Based Activities
6	Observation and survey research-II		Presentation & Group-Based Activities
7	Correlational studies		Presentation & In-class Activities
8	Midterm Exam		
9	Midterm Exam		
10	Experimental method research-I		Presentation & Reflective Thinking Activities
11	Experimental method research-II		Presentation & Reflective Thinking Activities
12	Single-subject research designs and quasi-experimental designs		Presentation & Interactive Discussions
13	Analyzing and reporting the research		Presentation & Interactive Discussions
14	Data analysis and interpretation of the analysis		Presentation & In-Class Statistical Analysis
15	Review		Question/Answer & Feedback Sessions
16	Final Exam		
REFERENCES			

Textbook	Shaughnessy, J.J., Zechmeister, E.B., Zechmeister, J.S. (2015). <i>Research Methods in Psychology</i> . McGraw-Hill Education.
Course Notes	
Recommended Reading	Goodwin, C. James (2010). <i>Research in Psychology: Methods and Design</i> . New York: John Wiley & Sons
Material Sharing	

ASSESSMENT METHODS			
Activities	Number	Effect	Notes
Midterm Exam	1	40%	
Final Exam	1	60%	
ECTS TABLE			
Contents	Number	Hours	Total
Hours in Classroom	14	3	42
Hours out Classroom	14	3	42
Homework	1	4	4
Class activities	1	15	15
Midterm Exam	1	12	12
Fieldwork	1	15	15
Final Exam	1	20	20
		Total	150
		Total / 30	=150/30
		ECTS Credit	5
RECENT PERFORMANCE			