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.Year/Spring Semester**			

Lecturers	Name(s)	Lecture Hours	Office Hours	Contacts
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.**

		Students who have completed the course successfully should be able to	Relationship	
			Prog. Output	**Net Effect**
Learning Outcomes of the Course	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 & Demonstration**
3	Classification of research		**Presentation & Demonstration**
4	Data collection process: Sampling methods		**Presentation & Demonstration**
5	Observation and survey research-I		**Presentation & Demonstration**
6	Observation and survey research-II		**Presentation & Demonstration**
7	Correlational studies		
8	**Midterm Exam**		
9	**Midterm Exam**		**Presentation & Demonstration**
10	Experimental method research-I		**Presentation & Demonstration**
11	Experimental method research-II		**Presentation & Demonstration**
12	Single-subject research designs and quasi-experimental designs		**Presentation & Demonstration**
13	Analyzing and reporting the research		**Presentation & Demonstration**
14	Data analysis and interpretation of the analysis		**Presentation & Demonstration**
15	Review		**Presentation & Demonstration**
16	**Final Exam**		

REFERENCES	
Textbook	**Shaughnessy, J.J., Zechmeister, E.B., Zechmeister, J.S. (2015).** *Research Methods in Psychology.* **McGraw-Hill Education.**
Course Notes	
Recommended Reading	**Goodwin, C. James (2010).** *Research in Psychology: Methods and Design.* **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