

Quantitative Research Methods II (Course No. PSK 213)

Section 1 (Tuesday 09:00- 11:50, G-404)

Section 2 (Friday 09:00- 11:50, G-404)

Instructor

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Course Description

This course will provide knowledge to students to follow the steps of a scientific research. Students will gain methodological knowledge and experience for writing a research report. They will also be experienced about using library and scientific data sources. Besides, they will get experience on conducting a research.

Course Materials

The primary textbook used in this course is:

Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2012). *Research methods in psychology* (9th ed.). New York: McGraw-Hill.

Suggested Sources:

Eldoğan, D., Korkmaz, L., Helvacı, E., Yeniçeri-Kökdemir, Z. ve Kökdemir, D. (2015). *Akademik yazım kuralları kitapçığı* (4th. ed). Ankara: Başkent Üniversitesi.

Gürbüz, S., & Şahin, F. (2016). *Sosyal bilimlerde araştırma yöntemleri* (3th. ed.). Ankara: Seçkin Yayıncılık.

Course Organization and Expectations

Sessions take place Tuesday/ Friday, 09.00-11.50. The course starts with introductory lecture in Week 1 and ends with presentation of research projects in Week 14. The sessions will cover some of the materials in the required readings, but also include additional material not covered in the mandatory readings. In order to gain a high level of understanding, regular attendance to lectures is required. Student should be cautious about ethical issues. They should follow APA rules for their assignments and projects. Additionally, for all kind of class activities including small assignments and projects, student should be aware that plagiarism, cheating, or copying of any kind on any assignment will not be excused. Besides, reuse/ resubmission (the whole or some parts) of one's own work as an assignment of this course will be accepted as self-plagiarism and will not be excused. If you break any rules about academic honesty, you will receive "0" on the assignment, quiz or exam. Sexist, racist, homophobic, or derogatory/oppressive language WILL NOT BE tolerated in this class. To avoid distraction, laptops and phones must not be used in the sessions.

Assessment

There are four assessment components:

1- Mid-Term (30 %), 2- Assignments (10 %), 3- Research Project and Presentation (30 %), and 4- Final (30 %)

1- Mid-Term 30 %

Open ended questions will be asked about the topics covered in the text book and in the class sessions.

2- Assignments 10 %

Students are required to complete assignments given as a class exercise or homework. The number of these assignments is not certain however the lowest grade from the assignments will be excluded.

3- Research Project and Presentation of Research Proposal 30 %

Students are required to conduct a research and write a research report including abstract, introduction, method, result, and discussion sections. Students can improve the research proposals written as a part of Quantitative Research Methods I course or they can write a new proposal. The proposal should be written considering APA rules. Students should work as a group including 2 to 4 people. Students are required to inform the lecturer about their research topic and the names of students in their group before the **20.10.2017** by sending an e-mail. Students should get confirmation for the design of their research and the tools they will use while conducting their research before the **24.11.2017**. The last session of the course (**29.12.2017**) is a deadline to submit the research reports. In the last two sessions of the course students are expected to make brief (max. 10 minutes) presentations. During the presentation students should briefly explain the rationale behind their research question and their hypothesis. Besides, they should give information about the design, sample, materials, procedure of their research and they should briefly represent the result of their research.

4- Final 30 %

The final exam will include open-ended questions. Students will be responsible from the topics covered during the whole semester.

<i>Week</i>	<i>Date</i>	<i>Topic</i>
1	26/29.09	Introduction to Research Methods II
2	03/06.10	Survey Research
3	10/13.10	Survey, Qualitative and Mixed Research Methods
4	17/20.10	Measurement Concepts: Reliability and Validity
5	24/27.10	Ethical Issues
6	31.10/03.11	Experimental Design
7	7.11/10.11	Quasi-Experimental Designs
8	13.11/19-11	Mid-Term Week
9	21.11/24.11	Case Studies and Small-N Research
10	28.11/01.12	Qualitative Data Analysis and Interpretation
11	05.12/08.12	Quantitative Data Analysis and Interpretation
12	12.12/15.12	Guidelines for Writing a Research Report
13	19.12/22.12	Presentation of Research Projects
14	26.12/29.12	Presentation of Research Projects