

**Antalya Bilim University**  
**Department of Economics, ECON 1103**  
**Research Methods**  
**Spring 2024 – 2025**

Class Time & Place: Monday – 09:00 – 12:00 (BG – 03)

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(A2 – 42)

Welcome to the course. After successfully completing this course, students are expected to:

- Understand the nature of the ‘social research’.
- Grip the basics of a research process in both quantitative and qualitative context.
- Transform an observed problem into a research problem.
- Be familiar with the basic concepts of statistics.

**Course book:**

Educational Research: Planning, Conducting and Evaluating Quantitative and Qualitative Research, 4/E by Creswell, John W. (2012).

Statistics for Business and Economics, 8/E by Newbold, Paul. (2013)

**Academic Honesty and Plagiarism**

Plagiarism and cheating is strictly forbidden. Each task you submit must be totally yours. Otherwise, University rules and regulations will be applied.

**Attendance**

Attendance is highly encouraged in Econ 1103. Actual physical presence (with any resulting verbal interaction between instructor and student) can be as necessary to understanding the course's subject matter as completing homework assignments and exams. Do not forget that this course requires your effort on regular basis. Otherwise it will be very difficult to catch up if not impossible. Do not miss any classes unless you have a very serious, legitimate reason! If you do miss any classes get in touch with a friend as there might be changes in lecture plans and explorations. In addition, please contact me for any possible blind spot. If you miss any exam, be aware that you need to submit legitimate excuse not to get zero from the exam.

### **Promptness**

Make sure that you come to class fairly enough before the instructor comes. Entering the classroom/LMS after the instructor's presentation has started can be distracting both to the instructor as well as to other students.

### **Other Class Disruptions**

Unless there is an emergency stay seated during the lecture. Avoid distracting movements, talking to each other, eating, drinking and electronics. You need to pay attention to the lecture.

### **Assessment Criteria:**

- 1) Midterm Exam (30%) + Homework (20%) + Final Exam (40%) + Attendance (10%):** Students are responsible for all course materials until midterm exams. The final exam is cumulative and will focus on all units and topics studied throughout the course, but emphasis will be placed on topics covered after the midterm. Please note that the content of the syllabus may be subject to revision.

### **Course Schedule**

**WEEK 1** The Process of Conducting Research

**WEEK 2** Identifying a Research Problem

**WEEK 3** Reviewing the Literature

**WEEK 4** Specifying a Purpose and Research Questions or Hypotheses

**WEEK 5** Collecting Quantitative Data

**WEEK 6** Analyzing and Interpreting Quantitative Data

**WEEK 7 Review**

**WEEK 8 Midterm Exam**

**WEEK 9** Describing Data: Graphical

**WEEK 10** Describing Data: Numerical

**WEEK 11** Probability

**WEEK 12** Discrete Random Variables

**WEEK 13** Continuous Random Variables

**WEEK 14** Simple Linear Regression

**WEEK 15 Review**