

# TOROS ÜNİVERSİTESİ

Faculty Of Economic, Administrative And Social Sciences  
Psychology (English)

## Course Information

| RESEARCH METHODS I |          |             |          |                 |             |
|--------------------|----------|-------------|----------|-----------------|-------------|
| Code               | Semester | Theoretical | Practice | National Credit | ECTS Credit |
|                    |          | Hour / Week |          |                 |             |
| PSY103             | Fall     | 3           | 0        | 3               | 6           |

|   |  |
|---|--|
| <b>Prerequisites and co-requisites</b>      |  |
| <b>Language of instruction</b>              | Turkish  |
| <b>Type</b>                                 | Required   |
| <b>Level of Course</b>                      | Bachelor's   |
| <b>Lecturer</b>                             | Doç. Dr. Mehmet Bilgin   |
| <b>Mode of Delivery</b>                     | Face to Face   |
| <b>Suggested Subject</b>                    | none   |
| <b>Professional practise ( internship )</b> | None   |
| <b>Objectives of the Course</b>             | Course aims to provide students a familiarity with and understanding of various research methods in the behavioral sciences so that they can: plan good research, understand the strengths and limitations of research methods, critically evaluate information about human behavior presented in both professional journals.  |
| <b>Contents of the Course</b>               | This course is an introduction to experimental methods in psychology. The goals of this course are for you to learn how research is planned, carried out, communicated, and critiqued. This course will focus on developing general psychological research skills, including knowledge of experimental design, statistics, report writing, and ethical standards of research. Mastery of the material covered should enable students to evaluate the adequacy of research findings reported by others, design research studies of your own, collect and analyze data, write APA style research reports, and effectively present information in an oral report. |

## Learning Outcomes of Course

| # | Learning Outcomes   |
|---|---|
| 1 | Define the concept of science and its functions.                      |
| 2 | List the assessment instruments used in research and their properties |
| 3 | Classify scientific research methods .                                |
| 4 | Recognize main research methods.                                      |
| 5 | Explain the concepts research question and hypothesis                 |
| 6 | Describe sampling methods.  |
| 7 | Know fundamental differences among the study types.                   |

## Course Syllabus

| # | Subjects  | Teaching Methods and Technics |
|---|---|-------------------------------|
| 1 | Introduction to research  | Presentation & Discussion     |
| 2 | Introduction to Course Content and Ethics in Psychological Research | Presentation & Discussion     |
| 3 | Developing Ideas for Research                                       | Presentation & Discussion     |
| 4 | Correlational Research Mini Case Study                              | Presentation & Discussion     |
| 5 | Measurement and Data Analysis                                       | Presentation & Discussion     |

|    |  |                           |
|----|--|---------------------------|
| 6  | Introduction to Experimental Research                                  | Presentation & Discussion |
| 7  | Control Problems in Experimental Research                              | Presentation & Discussion |
| 8  | midterm  |                           |
| 9  | Experimental Design I Mini Case Study                                  | Presentation & Discussion |
| 10 | "Experimental design II Design II "                                    | Presentation & Discussion |
| 11 | "Introduction to Quasiexperimental design Quasi-Experimental Designs " | Presentation & Discussion |
| 12 | Observational and Survey Research Methods Mini Case Study              | Presentation & Discussion |
| 13 | Critical Thinking Assignments Presentations                            | Presentation & Discussion |
| 14 | Critical Thinking Assignments Presentations                            | Presentation & Discussion |
| 15 | Critical Thinking Assignments Presentations                            | Presentation & Discussion |
| 16 | Final Exam   |                           |

## Course Syllabus

| # | Material / Resources  | Information About Resources | Reference / Recommended Resources |
|---|---|-----------------------------|-----------------------------------|
| 1 | "Goodwin, C. James. Research in Psychology: Methods and Design. NewYork: Wiley, 2007. ISBN-13: 978 0471450085 " |                             |                                   |

## Method of Assessment

| # | Weight | Work Type     | Work Title    |
|---|--------|---------------|---------------|
| 1 | 40%    | Mid-Term Exam | Mid-term Exam |
| 2 | 60%    | Final Exam    | Final Exam    |

## Relationship between Learning Outcomes of Course and Program Outcomes

| # | Learning Outcomes   | Program Outcomes | Method of Assessment |
|---|---|------------------|----------------------|
| 1 | Define the concept of science and its functions.                      | 1                |                      |
| 2 | List the assessment instruments used in research and their properties | 3                |                      |
| 3 | Classify scientific research methods .                                | 8                |                      |
| 4 | Recognize main research methods.                                      | 6                |                      |
| 5 | Explain the concepts research question and hypothesis                 | 6                |                      |
| 6 | Describe sampling methods.  | 12               |                      |
| 7 | Know fundamental differences among the study types.                   | 14               |                      |

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

## Work Load Details

| # | Type of Work  | Quantity | Time (Hour) | Work Load |
|---|---|----------|-------------|-----------|
| 1 | Course Duration   | 14       | 3           | 42        |
| 2 | Course Duration Except Class (Preliminary Study, Enhancement) | 14       | 3           | 42        |
| 3 | Presentation and Seminar Preparation                          | 0        | 0           | 0         |
| 4 | Web Research, Library and Archival Work                       | 0        | 0           | 0         |
| 5 | Document/Information Listing                                  | 0        | 0           | 0         |
| 6 | Workshop  | 0        | 0           | 0         |
| 7 | Preparation for Midterm Exam                                  | 1        | 18          | 18        |
| 8 | Midterm Exam  | 1        | 7           | 7         |

|    |                            |   |    |            |
|----|----------------------------|---|----|------------|
| 9  | Quiz                       | 0 | 0  | 0          |
| 10 | Homework                   | 0 | 0  | 0          |
| 11 | Midterm Project            | 0 | 0  | 0          |
| 12 | Midterm Exercise           | 0 | 0  | 0          |
| 13 | Final Project              | 0 | 0  | 0          |
| 14 | Final Exercise             | 0 | 0  | 0          |
| 15 | Preparation for Final Exam | 1 | 27 | 27         |
| 16 | Final Exam                 | 1 | 14 | 14         |
|    |                            |   |    | <b>150</b> |