

# TOROS ÜNİVERSİTESİ

Vocational School  
Child Development

## Course Information

| RESEARCH METHODS AND TECHNIQUES |          |             |          |                 |             |
|---------------------------------|----------|-------------|----------|-----------------|-------------|
| Code                            | Semester | Theoretical | Practice | National Credit | ECTS Credit |
|                                 |          | Hour / Week |          |                 |             |
| CGP240                          | Spring   | 3           | 0        | 3               | 4           |

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prerequisites and co-requisites</b>      | none                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Language of instruction</b>              | Turkish                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Type</b>                                 | Required                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Level of Course</b>                      | Associate                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Lecturer</b>                             | lec.MEHMET NAS                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>             | It is objected to give that the basic concepts of scientific researches and scientific research process, the required scientific activities and the report, project, thesis and publication from these activities for science and social sciences                                                                                                                                                                                                       |
| <b>Contents of the Course</b>               | Definition and classification of scientific researches, determination and definition of research subject, create a hypothesis, literature review, data collection methods, measuring and scaling, sampling, preparing survey, create test systems, data collecting, data processing and evaluation, data reporting, the important points of forming of report, project, thesis and paper of scientific study results, succesful presentation techniques |

## Learning Outcomes of Course

| # | Learning Outcomes                                                                                                            |
|---|------------------------------------------------------------------------------------------------------------------------------|
| 1 | The student can be define the basic concepts of science, research process and the required activities for doing researches   |
| 2 | The student can use the literature review techniques                                                                         |
| 3 | The student can establish the required test system for collecting data                                                       |
| 4 | The student has sufficient information about evaluation of collected data                                                    |
| 5 | The student has knowledge of the important points at forming of report, project, thesis and publications from collected data |
| 6 | The student has knowledge of the important points of succesful presentations                                                 |

## Course Syllabus

| # | Subjects                                                                                | Teaching Methods and Technics     |
|---|-----------------------------------------------------------------------------------------|-----------------------------------|
| 1 | Definition, classification of scientific research                                       | Lecture, presentation, discussion |
| 2 | Identification and definition of research topic, hypothesis formation                   | Lecture, presentation, discussion |
| 3 | Literature scanning, information gathering methods in research, measurement and scaling | Lecture, presentation, discussion |
| 4 | Sampling-questionnaire preparation, creation of test system                             | Lecture, presentation, discussion |

|    |                                                                                                                                   |                                   |
|----|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 5  | Data collection and processing                                                                                                    | Lecture, presentation, discussion |
| 6  | Reporting of data                                                                                                                 | Lecture, presentation, discussion |
| 7  | Points to be taken into consideration when making the scientific study results into reports, projects, dissertations and articles | Lecture, presentation, discussion |
| 8  | Midterm                                                                                                                           | Lecture, presentation, discussion |
| 9  | Successful presentation techniques                                                                                                | Lecture, presentation, discussion |
| 10 | Presentations                                                                                                                     | Lecture, presentation, discussion |
| 11 | Presentations                                                                                                                     | Lecture, presentation, discussion |
| 12 | Presentations                                                                                                                     | Lecture, presentation, discussion |
| 13 | Presentations                                                                                                                     | Lecture, presentation, discussion |
| 14 | Presentations                                                                                                                     | Lecture, presentation, discussion |
| 15 | Presentations                                                                                                                     | Lecture, presentation, discussion |
| 16 | Final Exam                                                                                                                        | Lecture, presentation, discussion |

## Course Syllabus

| # | Material / Resources                               | Information About Resources | Reference / Recommended Resources |
|---|----------------------------------------------------|-----------------------------|-----------------------------------|
| 1 | Research methods and techniques in social sciences | Nobel Akademik Yayıncılık   |                                   |
| 2 | Research Methods And Techniques                    | Nobel Akademik Yayıncılık   |                                   |
| 3 | Scientific Research Method                         | Nobel Akademik Yayıncılık   |                                   |
| 4 | Research and sampling methods                      | Nobel Akademik Yayıncılık   |                                   |

## 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 | The student can be define the basic concepts of science, research process and the required activities for doing researches   | 1                | 1,2                  |
| 2 | The student can use the literature review techniques                                                                         | 9                | 1,2                  |
| 3 | The student can establish the required test system for collecting data                                                       | 4                | 1,2                  |
| 4 | The student has sufficient information about evaluation of collected data                                                    | 2                | 1,2                  |
| 5 | The student has knowledge of the important points at forming of report, project, thesis and publications from collected data | 5,12             | 1,2                  |
| 6 | The student has knowledge of the important points of succesful presantations                                                 | 3                | 1,2                  |

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        | 3           | 3         |
| 8  | Midterm Exam                                                  | 1        | 1           | 1         |
| 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        | 1           | 1         |
| 16 | Final Exam                                                    | 1        | 1           | 1         |
|    |                                                               |          |             | <b>90</b> |