|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Name** | **Code** | **Semester** | **T+U** | **Credit** | **ECTS** |
| **Research Methods and Techniques** |  | 3 | 2+0 | 2 | 3 |
| Prerequisite Courses |  |
| Language of the Course | Turkish |
| Type of Course | Compulsory |
| Course Coordinator |   |
| Instructor |  |
| Course Assistants |  |
| The aim of lesson | In this course, the student; It is aimed to gain the competencies of doing research. |
| Course Learning Outcomes | At the end of this course, the student;1- Makes research.2- Prepares research report.3- Presents the research.4-Learns research methods.5-Makes literature research. |
| Course Content | Scientific research, research process, choosing research topics, analyzing data, organizing findings, evaluating research results, converting research results into reports. |
| **Weeks** | **Topics** |
| one | Scientific Research Definition, Development Process and Paradigms |
| 2 | Hypothesis, Variable Concepts, Research Process |
| 3 | Choosing Research Topics |
| 4 | Data Collection Methods |
| 5 | Analysis of Data |
| 6 | Editing Findings |
| 7 | Doing Source Research |
| 8 | Evaluating Research Results |
| 9 | Evaluating Research Results |
| 10 | Converting Research Results into Reports |
| 11th | Converting Research Results into Reports |
| 12 | Preparing for a Presentation |
| 13 | Making a Presentation |
| 14 | Making a Presentation |

|  |
| --- |
| **General Competencies** |
| Students are expected to understand the main topics of this course and use it in their fields and applications. |
| **resources** |
| Büyüköztürk, S. et al., (2008). *Scientific Research Methods.* Pegem Publications. Ankara.Balci A. (2002). *Research in Social Sciences* . Pegema Publishing. Ankara.Karasar N. (2002). *Scientific Research Method.* Nobel Bookstore. Ankara. |
| **Evaluation System** |
| It is stated in the syllabus at the beginning of the semester. |

|  |
| --- |
| **WITH PROGRAM LEARNING OUTCOMES****COURSE LEARNING OUTCOMES RELATIONSHIP TABLE** |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **LO1** | one | 3 | - | 2 | 3 | 3 | - | 2 | 2 | 5 | - | - |
| **LO2** | one | 3 | - | 2 | 3 | 3 | - | 2 | 2 | 5 | - | - |
| **LO3** | one | 3 | - | 2 | 3 | 3 | - | 2 | 2 | 5 | - | - |
| **LO4** | one | 3 | - | 2 | 3 | 3 | - | 2 | 2 | 5 | - | - |
| **LO5** | one | 3 | - | 2 | 3 | 3 | - | 2 | 2 | 5 | - | - |
| **LO: Learning Outcomes OP: Program Outcomes** |
| **Contribution Level** | **1 Very Low** | **2 Low** | **3 Medium** | **4 High** | **5 Very High** |

Relation of Program Outcomes and Related Course

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **lesson** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **Research Methods and Techniques** | one | 3 | - | 2 | 3 | 3 | - | 2 | 2 | 5 | - | - |

 |