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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **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 | - | - | |