



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|--|------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Scientific Research Methods | | | | | | | |
| Course Code | | HRS642 | | Course Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 2 | Workload | 55 (Hours) | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | This course covers the research planning, types of research, research subject determination, databases, source scanning, article synthesis, sample size determination, analysis of the results of the research, analysis of results, presentation (table, graph etc.) and interpretation of research, publication application in research process, frequently encountered concepts during applications (keywords, running title, etc.) and provides information about the selection of journals. | | | | | | | |
| Course Content | | Scientific research planning, research types, determination of research topic, databases, source scanning, article synthesis, determination of sample size | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

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| 1 | Arıkan, R. (1995). Araştırma teknikleri ve rapor yazma. Ankara: Tutibay |
| 2 | Aziz, A. (1994). Araştırma yöntemleri, teknikleri ve iletişim. (Genişletilmiş 2.basım). Ankara: Turhan kitabevi. |
| 3 | Karasar N., Araştırmalarda Rapor Hazırlama , Ankara, 1994 |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | Scientific research planning |
| 2 | Theoretical | Types of research |
| 3 | Theoretical | Determining the research topic |
| 4 | Theoretical | Source scanning |
| 5 | Theoretical | Databases |
| 6 | Theoretical | Determination of sample size |
| 7 | Theoretical | Article synthesis |
| 8 | Theoretical | Article synthesis (Midterm Exam) |
| 9 | Theoretical | Reporting of analysis results |
| 10 | Theoretical | Analysis of results in research |
| 11 | Theoretical | Representation and interpretation of results (tables, graphs, etc.) |
| 12 | Theoretical | Process of publication application in research |
| 13 | Theoretical | Common concepts (keywords, running title, etc.) during applications |
| 14 | Theoretical | Journal selection |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 1 | 1 | 28 |
| Midterm Examination | 1 | 10 | 1 | 11 |
| Final Examination | 1 | 15 | 1 | 16 |
| Total Workload (Hours) | | | | 55 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 2 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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| 1 | To be able to plan scientific research |
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| 2 | To determine the research topic |
| 3 | Ability to determine sample size |
| 4 | Report the research |
| 5 | To publish the research |

Programme Outcomes (Public Health Nursing Doctorate)

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| 1 | To be able to develop and deepen in the level of expertise with original thinking and / or research in recent and advanced information in the field of community health nursing as based on the field of public health nursing postgraduate qualification, and to create the original definitions bring innovation to the area, to evaluate and use new information in a systematic approach |
| 2 | Theories developing quality of care towards individual, family and society, using conceptual framework and to make of evidence based nursing practice |
| 3 | To approach a systematic way to new ideas in community health nursing and gaining advanced skills in academic research methods in the field. |
| 4 | Developing an innovative scientific method bringing innovation to science or practising an already established model in different field. Studying, understanding, designing, adapting and implementing an original subject and be able to contribute to science by publishing |
| 5 | Conducting a critical analysis, interpretation and evaluation of new and sophisticated ideas, to achieve original result by using expert knowledge |
| 6 | Developing new ideas and methods by using creative and critical thinking skills and leading. |
| 7 | At least one foreign language, advanced written, verbal and visual communicating and discussing. ("European Language Portfolio Global Scale", Level C1) |
| 8 | Scientific, social and cultural developments follow to contribute to the development of the information society. |
| 9 | setting priorities in problem solving, establishing a functional interaction by using the process of ethical decision-making |
| 10 | To be able to have knowledge and skills in high-level about statistics the methods used in the field of community health researches, and select, implement and interpret the correct statistical methods in her research, evaluate a scientific article in terms of research methods and statistics., |
| 11 | Field of community health establishing effective communication showing one's competency in the area/, defending original opinions to discuss of subject in the area with experts in the domestic/ international environments |

