



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|--|------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Nursing Informatics | | | | | | | |
| Course Code | | CHH629 | | Course Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 4 | Workload | 96 (Hours) | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | The purpose of this course is intended for the general concepts related to information technology, consumer electronic health record systems, electronic health record systems in hospitals, the role of nurses in the electronic health record systems is to develop knowledge and skills in nursing tele health nano technology and robotic surgery issues in Turkey | | | | | | | |
| Course Content | | Technological Development Of Nursing Education And Place Of Application, Technology Assessment Used In Health Care, Developing New Care Products, Nursing Roles And Responsibilities Related To Health Care Technology, Technological Products For The Respiratory Activity, Technological Products For The Nutrition Activity, Technological Products For The Discharge Activity, Sustaining And Provided The Personal Hygiene, Technological Products For The Movement Activity, Achieving And Maintaining Technological Products For The Body Temperature Activity, Technological Products For The Movement Activity, Technological Products For The Nutrition Activity | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Case Study, Individual Study | | | | | |
| Name of Lecturer(s) | | Assoc. Prof. Nurdan GEZER | | | | | | | |

| Assessment Methods and Criteria | | |
|---------------------------------|----------|----------------|
| Method | Quantity | Percentage (%) |
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

| Recommended or Required Reading | |
|---------------------------------|---|
| 1 | Güles H K, Özata M. (2005). Sağlık Bilişim Sistemleri, Nobel Tıp Yayınevi, Ankara. |
| 2 | Soncul H. (2007). Biyomedikal Bilisim Sağlık Hizmetleri ve Biyotipta Bilgisayar Uygulamaları, Üçüncü Baskı, Günes Tıp Kitapevi. |
| 3 | Brannon RL. (1994). Intensifying Care: The Hospital Industry, Professionalization, and the Reorganization of the Nursing Labor Process (Critical Approaches in the Health), Baywood Publishing Company; 1 edition (June). |
| 4 | Wingate G. (2003). Computer Systems Validation: Quality Assurance, Risk Management, and Regulatory Compliance for Pharmaceutical and Health, Informa Healthcare; 1 edition, December 18. |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | Technological Development Of Nursing Education And Place Of Application |
| 2 | Theoretical | Technology Assessment Will Be Used In Health Care |
| 3 | Theoretical | The Impact Of Health In The Use Of Technology And Importance Of The Description |
| 4 | Theoretical | Developing New Applications Of Choosing Care Products |
| 5 | Theoretical | To Express Their Nursing Roles And Responsibilities Related To Health Care Technology |
| 6 | Theoretical | Technological Products For The Respiratory Activity |
| 7 | Theoretical | Technological Products For The Respiratory Activity |
| 8 | Theoretical | Technological Products For The Respiratory Activity/Midterm |
| 9 | Theoretical | Technological Products For The Nutrition Activity |
| 10 | Theoretical | Technological Products For The Discharge Activity |
| 11 | Theoretical | Sustaining And Provided The Personal Hygiene |
| 12 | Theoretical | Achieving And Maintaining Technological Products For The Body Temperature Activity |
| 13 | Theoretical | Technological Products For The Movement Activity |
| 14 | Theoretical | Technological Products For The Movement Activity |

| Workload Calculation | | | | |
|----------------------|----------|-------------|----------|----------------|
| Activity | Quantity | Preparation | Duration | Total Workload |
| Lecture - Theory | 14 | 0 | 2 | 28 |
| Assignment | 2 | 10 | 2 | 24 |
| Midterm Examination | 1 | 15 | 2 | 17 |



| | | | | |
|---|---|----|---|----|
| Final Examination | 1 | 25 | 2 | 27 |
| Total Workload (Hours) | | | | 96 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 4 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

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|---|---|
| 1 | Be able to define the basic concepts related to health technology |
| 2 | Be able to assess use technology in health care |
| 3 | Be able to impact use of technology in the health field and the importance of the description |
| 4 | Be able to use application by selecting emerging care products |
| 5 | Be able to express nursing roles and responsibilities related to health care technology |
| 6 | Be able to identify the health and nursing informatics |

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 has 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 |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 | L6 |
|----|----|----|----|----|----|----|
| P1 | 4 | 4 | 4 | 4 | 4 | 4 |

