AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Nursing Informatics						
Course Code	CHH629		Couse 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 Baski, Günes Tip 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 Healt, 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	Intermediate Exam	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
15	Theoretical	The week of studying
16	Final Exam	Final

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

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 *(Surgical Nursing Doctorate)*

1	Based on nursing graduate qualification, improves the level of expertise knowledge in surgical nursing, deepens and reaches the original definition which will bring science to innovation
2	Understands the interaction between the various disciplines in the field of nursing, new and complex ideas, analysis, synthesis and evaluation using information that requires expertise in reaching the original results
3	Approaches in a systematic way for new information about the nursing field and gains high-level skills in research methods in the field
4	Develops a new scientific method bringing innovations in science or applies a known method to a different area, searches for a specific topic, designs and implements
5	Expands the boundaries of knowledge in the field published in national and / or international peer-reviewed journals in the feel of Surgical Nursing
6	Can make original and interdisciplinary leadership in contexts that require solving problems.
7	Develops a solution method for a problem in the field of surgical nursing and fictionalizes independently
8	Can communicate effectively showing the defense efficiency expert opinion within the original community.
9	Finds solutions to develop new strategic approaches, unpredictable complex situations encountered in practice in the field of Surgical diseases nursing
10	Manners current developments and own studies in the field and outside groups in written, oral and visual in a systematic way in Surgical nursing field
11	Communicates at least one European language in B2 that is the general level of oral and written portfolio("European Language Portfolio Global Scale", Level B2)
12	Uses advanced communication technologies with information on the required level of computer software in the field of nursing and surgical diseases together
13	Plans implementation on issues related to the field of nursing, and evaluate the framework of quality processes of surgical disease and obtaines to develop this results
14	Shares values about stages of the nursing field data collection, interpretation and dissemination related to surgical diseases by taking into consideration the scientific and ethical values
15	Applies internalized knowledge and problem-solving skills in the field of surgical nursing in interdisciplinary studies
16	Adheres to the social, scientific and professional ethics

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	3	4	4	4	4	3
P2	2	3	2			
P3	1	2		1		2
P4	1	3	3	2	3	4
P5	2	3	3			
P6	1	1	1	1	1	1
P7	1	1	1	1	1	2
P8	3	2	2	1	1	1
P9	2	2	2	1	1	2
P10	4	4	4	4	4	4
P11	4	4	4	4	4	4
P12	5	5	5	5	5	5

P13	2	2	2	2	2	3
P14		1	1			1
P15	3	3	3	3	3	3
P16	1	1	1	1	1	1