

Nursing (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	NUR036						
Course Name:	Nursing Informatics						
Semester:	Spring						
Course Credits:	<table border="1"> <tr> <td>ECTS</td> </tr> <tr> <td>5</td> </tr> </table>			ECTS	5		
ECTS							
5							
Language of instruction:	English						
Course Condition:							
Does the Course Require Work Experience?:	No						
Type of course:	Departmental Elective						
Course Level:	<table border="1"> <tr> <td>Bachelor</td> <td>TR-NQF-HE:6. Master`s Degree</td> <td>QF-EHEA:First Cycle</td> <td>EQF-LLL:6. Master`s Degree</td> </tr> </table>			Bachelor	TR-NQF-HE:6. Master`s Degree	QF-EHEA:First Cycle	EQF-LLL:6. Master`s Degree
Bachelor	TR-NQF-HE:6. Master`s Degree	QF-EHEA:First Cycle	EQF-LLL:6. Master`s Degree				
Mode of Delivery:	Face to face						
Course Coordinator:	Dr. Öğr. Üy. GİZEM YAĞMUR YALÇIN						
Course Lecturer(s):	Staff						
Course Assistants:							

Course Objective and Content

Course Objectives:	To provide students with the knowledge of the application of informatics, which is the systematic use of knowledge, science and technology, in nursing services offered to healthy or sick individuals.
Course Content:	Explaining the importance of informatics, informatics terminology, nursing classification systems, electronic health records, clinical decision support systems, legal and ethical situations related to health information systems

Learning Outcomes

The students who have succeeded in this course;

- 1) Explain the importance of nursing informatics
- 2) Knows basic informatics terminology.
- 3) Examines health information systems.
- 4) Explain the importance of common language and nursing classification systems in nursing
- 5) Define electronic health record systems and clinical decision support systems.
- 6) Explains legal and ethical issues in nursing informatics

Course Flow Plan

Week	Subject	Related Preparation
1)	Basic Informatics Terminology (Data, information, computer, computer hardware, software, network etc.)	Reading resources
2)	Health Information Systems, Health Information Systems in Our Country and in the World	Reading resources
3)	Nursing Informatics	Reading resources
4)	Common Language in Nursing and Nursing Classification Systems	
5)	Electronic Health Records	
6)	Omaha System-Case Example	
7)	Clinical Decision Support Systems	
8)	Nursing Informatics and Evidence-Based Care Practices	
9)	E-health/ Tele-health/Tele-medicine/Tele-nursing	
10)	The Effect of Nursing Informatics on Nursing Education	
11)	Current approaches to nursing informatics	
12)	Innovation Process in Nursing	
13)	Security and Privacy in Health Information Systems	
14)	Legal and Ethical Issues in Nursing Informatics	

Sources

Course Notes / Textbooks:	<ol style="list-style-type: none"> 1. McGonigle Dee. Mastrian K. Nursing Informatics and the Foundation of Knowledge. 2nd Ed. 2011. https://books.google.com.tr/books?id=hXI1DgAAQBAJ&printsec=frontcover&hl=tr&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false 2. Berber, LK, Ülgü, MM, Er, C. (2009). Elektronik Sağlık Kayıtları ve Özel Hayatın Gizliliği. Karakter Color AŞ. İstanbul 3. Thede, L. Q., & Sewell, J.P. (2010). Informatics and nursing: Competencies and applications (3rd ed.).
---------------------------	---

	Philadelphia, PA: Lippincott Williams & Wilkins. 4. Hebda, T., & Czar, P. (2009). Handbook of informatics for nurses & healthcare professionals (4th
References:	1. McGonigle Dee. Mastrian K. Nursing Informatics and the Foundation of Knowledge. 2nd Ed. 2011. https://books.google.com.tr/books?id=hXI1DgAAQBAJ&printsec=frontcover&hl=tr&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false 2. Berber, LK, Ülgü, MM, Er, C. (2009). Elektronik Sağlık Kayıtları ve Özel Hayatın Gizliliği. Karakter Color AŞ. İstanbul 3. Thede, L. Q., & Sewell, J.P. (2010). Informatics and nursing: Competencies and applications (3rd ed.). Philadelphia, PA: Lippincott Williams & Wilkins. 4. Hebda, T., & Czar, P. (2009). Handbook of informatics for nurses & healthcare professionals (4th

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6
Program Outcomes						
1) Possesses the necessary knowledge and skills to fulfill nursing roles and functions.						
2) Fulfills the health care needs of individuals, families, and society by utilizing professional roles through a holistic and evidence-based approach, in accordance with the nursing process, ethical principles, patient safety, and quality standards.						
3) Uses care and informatics technologies in nursing practice, research, education, and management.						
4) Establishes effective communication and collaboration with individuals, families, society, colleagues, other healthcare team members, and organizations for the development and delivery of healthcare services.						
5) Accesses international nursing literature through the use of a foreign language.						
6) Adheres to the relevant legislation in professional nursing practices.						
7) Applies lifelong learning, problem-solving, and critical thinking skills in personal and professional life.						
8) Determines protection and nursing care priorities in situations that impact public health on a large scale, such as natural disasters and pandemics, and demonstrates responsiveness in crisis management.						
9) Contributes to the development, implementation, evaluation, and continuous improvement of health policies and organizational quality systems.						
10) Takes an active role in research, projects, and activities with a sense of social responsibility.						

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Possesses the necessary knowledge and skills to fulfill nursing roles and functions.	
2)	Fulfills the health care needs of individuals, families, and society by utilizing professional roles through a holistic and evidence-based approach, in accordance with the nursing process, ethical principles, patient safety, and quality standards.	
3)	Uses care and informatics technologies in nursing practice, research, education, and management.	
4)	Establishes effective communication and collaboration with individuals, families, society, colleagues, other healthcare team members, and organizations for the development and delivery of healthcare services.	
5)	Accesses international nursing literature through the use of a foreign language.	
6)	Adheres to the relevant legislation in professional nursing practices.	
7)	Applies lifelong learning, problem-solving, and critical thinking skills in personal and professional life.	
8)	Determines protection and nursing care priorities in situations that impact public health on a large scale, such as natural disasters and pandemics, and demonstrates responsiveness in crisis management.	
9)	Contributes to the development, implementation, evaluation, and continuous improvement of health policies and organizational quality systems.	
10)	Takes an active role in research, projects, and activities with a sense of social responsibility.	

Assessment & Grading

Değerlendirme Yöntemleri ve Kriterleri	Number of Activities	Level of Contribution
Midterms	1	% 40
Final	1	% 60
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Aktivitede Harcanan Süre	Completing the Activity Requirements	Workload
------------	----------------------	------------------------------	--------------------------	--------------------------------------	----------

Course Hours	14	3			42
Study Hours Out of Class	14	3			42
Midterms	1	15			15
Final	1	20			20
Total Workload					119