



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Health and Informatics							
Course Code		HSH528		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	101 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of the course is to understand the relationship between health services and informatics for professional life.							
Course Content		Protection of bio-psycho-social health, diagnosing diseases, the technological products which are used in nursing practice that includes treatment, care and rehabilitation, the properties and use of the technological products							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Assoc. Prof. Belgin YILDIRIM							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Computers Informatics Nursing http://journals.lww.com/cinjournal/pages/default.aspx
2	http://nursing-informatics.com/

Week	Weekly Detailed Course Contents	
1	Theoretical	People, technology, information systems and maintenance
2	Theoretical	Human-computer interaction: asepsis, ergonomics, patient safety
3	Theoretical	Nursing and information technology
4	Theoretical	Data systems in nursing
5	Theoretical	Classification of data systems
6	Theoretical	The data systems used in nursing and computer applications
7	Theoretical	Electronic records research: literature and nursing
8	Intermediate Exam	Mid-Term Exam
9	Theoretical	Electronic health records used in nursing
10	Theoretical	Patient education and information
11	Theoretical	The use of internet for maintaining and developing of health impact on patients and nursing
12	Theoretical	The information systems in nursing: telephone and internet applications
13	Theoretical	Information technology and ethic
14	Theoretical	Information technology and ethic
15	Theoretical	Information technology and ethic
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Midterm Examination	1	20	1	21
Final Examination	1	22	2	24
Total Workload (Hours)				101
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to express fundamental concepts related to health information technology
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2	To be able to evaluate information systems which are used in health care
3	To be able to express the effect and importance of the use of technology in the field of health
4	To be able to express the importance of nursing roles and responsibilities related to the health care technology
5	To be able to define health and nursing informatics

Programme Outcomes (Public Health Nursing Master)

1	PO 1. Student has the current theoretical and practice knowledge in Master's degree in Public Health Nursing field based on his previous learning in bachelor's degree, student realizes the knowledge, deepens and uses it.
2	PO 2. Student brings solutions to the issues which require expertise and is related to the Public Health Nursing. Student solves the problem, he/she evaluates the results obtained and applies as needed
3	PO 3. To be able to create new information by integrating different disciplinary in Public Health Nursing field
4	PO 4. Student shares and discusses his/her knowledge, current developments and his/her own researches systematically with groups from or outside of his/her field in written, verbal, or visual way
5	PO 5. Student follows based on evidence practices and makes researches creating evidence about professional application in his/her own field
6	PO 6. Student manages researches about his/her field independently or in a team
7	PO 7. Student has information on statistics, uses related soft wares efficiently, chooses correct statistical methods while making researches, has the skills to calculate and comment.
8	PO 8. Student can write report of the researches he/she made or participated and publishes it in an internationally accepted refereed journal or presents it in academic meetings
9	PO 9. Student can make strategy and policy in topics related to Public Health Nursing, comments practice plans, and evaluates obtained results in scientific and ethical frame
10	PO 10. Student makes verbal and writing communication using one foreign language at least B2 level in European language portfolio
11	PO 11. To be able to comprehend the importance of ethical principles and ethical rules for the individual and society and behave ethic

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

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	4	4	3	4	4
P3	4	4	4	5	4
P4	5	4	4	4	5
P5	4	5	4	4	4
P6	5	5	4	5	5
P9		3			
P10	3	3		3	
P11		3	3	3	

