



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Use of Computers in Hospitals							
Course Code		TS307		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To give knowledge about IT systems, Patient entry records,							
Course Content		Entering the patient tests to the programme, Knowledge about medical registration systems							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Muzaffer Soysal, Hastanelerde Bilgisayar Kullanımı, MPM Yayınları, Ankara
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Week	Weekly Detailed Course Contents	
1	Theoretical	What is an IT system? Relations between medical recording systems.
2	Theoretical	IT programmes and features
3	Theoretical	Patient files in IT programmes
4	Theoretical	In-patient recordings in IT programmes
5	Theoretical	Information – Information systems in medical institutions
6	Theoretical	Medical information systems
7	Theoretical	Hospital information systems
8	Intermediate Exam	vize
9	Theoretical	Electronic Medical Recordings System
10	Theoretical	Primary fields of application in Hospital automation systems
11	Theoretical	Hospital IT systems
12	Theoretical	World Health Organization statistic data analysis
13	Theoretical	IT system survey in ADU Hospital
14	Theoretical	IT system survey in Aydın directorate of health

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Term Project	2	5	3	16
Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Computer Systems and Medical Systems used in medicine recognition
2	Create patient database.
3	To be able to use hospital automation systems.
4	To be able to automate medical laboratories.



5	To learn patient monitoring systems.
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Programme Outcomes (Medical Documentation and Secretarial Practices)

1	Write and pronounce medical terms correctly.
2	Collect data of medical statistics and report the results periodically after analyzing them scientifically.
3	Learn basic structure of human body and important system diseases.
4	Know principles and rules of medical secretaryship. Protect patients' rights and privacy.
5	Use Turkish and body language in a correct and effective way.
6	Run internal and external correspondence of the foundation, keep the files of the documents after classification, organize them and archive in line with filing techniques.
7	Establish verbal and written communication inside the foundation and out of foundation.
8	Make the coding procedure of diseases and health problems according to existing international classification systems.
9	Run the counseling services for patients and their relatives.
10	Solve the problems that are encountered in work life quickly and effectively.
11	Use the necessary equipment for professional practices such as computer and office devices effectively.
12	Improve professional knowledge and skills continuously.
13	Executes any patient registration-documentation processes
14	Makes archiving operations
15	Prepares medical documents
16	Knows Turkish history and Atatürk's revolutions.
17	Adapt to team work in application areas.
18	Knows and defines diseases.
19	Have general information about the world and biological formations.
20	English speaking writer

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	1	1	1	1	1
P2	1	1	1	1	1
P3	1	1	1	1	1
P4	5	5	4	5	5
P8	5	5	4	5	5
P9	5	5	4	5	5
P10	5	5	4	5	5
P11	5	5	4	5	5
P12	5	5	4	5	5
P17	5	5	4	5	5

