

DATA MANAGEMENT SYSTEMS FOR HOSPITAL

1	Course Title:	DATA MANAGEMENT SYSTEMS FOR HOSPITAL	
2	Course Code:	TDSZ112	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. FİKRET CEYLAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	fceylan@uludag.edu.tr (0 224) 2942491	
17	Website:		
18	Objective of the Course:	Upon successful completion of this course, each student; today take advantage of information technologies and learn to make their business via computers and computer programs. Gain sufficient information on the Hospital Information Management Systems program successfully and be able to use packet-level knowledge and skills of MIA-MED.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Hospitals with electronic health records and disease in general learns the use of automated systems and their modules.
		2	HIMS program, and an ability to recognize AviCenna wins.
		3	Through the environment and saves the information and uses the computer program.
		4	Appointment of the patients, the input, makes the treatment and discharge records.
		5	The patient's laboratory, radiology, consultation and other records and finalizes inspections.
		6	Saves report information through the system, approvals, is output.
		7	Outpatient and inpatient statistics and financial analyzes of operations for the computer takes all kinds.
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		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Health information systems in Turkey Electronic health records and disease Hospital automation systems and handling characteristics of modules used in hospitals Telemedicine, PACS management information systems, decision support systems	-
2	Uludag University Medicine Faculty Hospital Mia-MED HIMS program is being used to give basic information about the general outline of the program menus	-
3	System identification information about doctors and other hospital staff	-
4	Records of the patient's home construction	Outpatient admissions applications
5	Recording of the program inputs and results of the tests to the patient	Editing applications outpatient appointment
6	TRANSACTIONS New record - Polyclinics	Outpatient data processing secretarialship
7	-	Outpatient data processing secretarialship
8	MIDTERM	-
9	Patient admission-Clinic secretariats	Clinical secretarial services
10	Clinical secretarial procedures Basic information about the patients hospitalized	Clinical secretarial services
11	Blood sampling - Radiology Pharmacy - In Stock Patient follow-up and corporate accounts	-
12	Operating information processing program	-
13	Statistics and financial analysis of outpatient procedures about the computer	-
14	Statistics and financial analysis, computer operations for inpatient care be taken	-
22	Textbooks, References and/or Other Materials:	Main source: MIA-MED HIMS program and annotations. http://destek.miateknoloji.com.tr/Giris/EgitimDokumanlari/EgitimDokumanlari.aspx Supporting Resources: Inst.Fikret CEYLAN Hospital Information Management Systems Lecture Notes, health occupations, Bursa 2020
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
		WEIGHT
Midterm Exam		1
Quiz		0
Home work-project		0
Final Exam		1
Total		2
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00

Measurement and Evaluation Techniques Used in the Course

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	13	2.00	26.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	6	3.00	18.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	15.00	15.00
Total Work Load			131.00
Total work load/ 30 hr			3.87
ECTS Credit of the Course			4.00

25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	4	2	3	1	0	0	5	5	5	1	1	0	0	0	0
ÖK2	5	5	5	3	1	1	0	5	5	5	4	1	0	0	0	0
ÖK3	5	4	3	1	1	0	1	5	5	1	0	5	0	0	0	0
ÖK4	5	5	3	1	0	3	1	3	5	1	0	0	0	0	0	0
ÖK5	5	5	3	1	0	3	1	3	5	1	0	0	0	0	0	0
ÖK6	5	5	5	1	1	3	1	5	5	5	5	1	0	0	0	0
ÖK7	5	5	5	5	3	1	1	5	5	5	5	5	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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