

# TOROS ÜNİVERSİTESİ

Faculty Of Health Sciences

## Course Information

HEALTH AND HOSPITAL INFORMATION SYSTEMS					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
SKY222	Spring	3	0	3	4

<b>Prerequisites and co-requisites</b>	None
<b>Language of instruction</b>	Turkish
<b>Type</b>	Required
<b>Level of Course</b>	Bachelor's
<b>Lecturer</b>	Assist.Prof.Dr. Nazmiye Ülkü PEKKAN
<b>Mode of Delivery</b>	Face to Face
<b>Suggested Subject</b>	None
<b>Professional practise ( internship )</b>	None
<b>Objectives of the Course</b>	Explaining the advantages of electronic information systems to provide current hospital information system to teach the use of output showing the effective use of information systems in the management system
<b>Contents of the Course</b>	Health and hospital systems, manager information systems, hospital management information systems, system analysis, system formatting, management support information systems, diagnostic and treatment support information systems, modular information systems, computer hardware and software in hospitals, data security and data quality

## Learning Outcomes of Course

#	Learning Outcomes
1	1-Knowledge, knowledge management, organizational information, and explain the concepts of health information management system.
2	2-Health and hospital information management system and explain the development.
3	3-In health and hospital information management system hardware, application software, computer networks and information system components, such as the diagnosis of organizational structure and explain.
4	4-Hospital knows the new technologies used in information system and explain the significance.
5	5-Hospital Information Management needs to know the information security and 27001 on the system.

## Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Health and hospital systems	Lecture, discussion, presentation
2	Executive information systems	Lecture, discussion, presentation
3	Hospital management information systems	Lecture, discussion, presentation
4	Systems analysis	Lecture, discussion, presentation
5	Systems disagne	Lecture, discussion, presentation
6	Management information systems support	Lecture, discussion, presentation
7	Diagnosis and treatment support information systems	Lecture, discussion, presentation
8	Midterm Exam	
9	Modular Information Systems	Lecture, discussion, presentation

10	computer software and hardware in hospitals	Lecture, discussion, presentation
11	computer software and hardware in hospitals	Lecture, discussion, presentation
12	computer software and hardware in hospitals	Lecture, discussion, presentation
13	data security and quality of data	Lecture, discussion, presentation
14	data security and quality of data	Lecture, discussion, presentation
15	new technologies and digital hospitals in the Hospital Information System	Lecture, discussion, presentation
16	Final Exam	

## Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Hasan Kürşat Güleş, Musa ÖZATA, Sağlık Bilişim Sistemleri, Nobel yayın dağıtım.		
2	Ali ,Yılmaz, Sağlık Kurumlarında Bilgi Sistemleri, Anadolu Üniversitesi Basım Sistemleri, Eskişehir, 2013.		

## Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

## Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	1-Knowledge, knowledge management, organizational information, and explain the concepts of health information management system.	1,2	1,2
2	2-Health and hospital information management system and explain the development.	1,2	1,2
3	3-In health and hospital information management system hardware, application software, computer networks and information system components, such as the diagnosis of organizational structure and explain.	1,2	1,2
4	4-Hospital knows the new technologies used in information system and explain the significance.	1,2	1,2
5	5-Hospital Information Management needs to know the information security and 27001 on the system.	1,2	1,2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

## Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	3	42
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	2	28
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	6	6
8	Midterm Exam	1	1	1
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0

12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	12	12
16	Final Exam	1	1	1
				<b>90</b>