

Name of the course	Code	Term	T+P	Credit	ECTS
Information Systems Analyse And Design			3+0	3	6

Prerequisites and co-requisites	
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Language of the course	Turkish
Type of the course	Technical Elective
Course Coordinator	
Name of Lecturers	
Assistants	
Aim and goals of the course	To teach the concept of systems analysis and information system - the ability to design
Course Learning Outcomes	<p>Upon successful completion of the course, the students will be able to :</p> <ol style="list-style-type: none"> 1. Have a good understanding of basic concepts in system concept and general system theory. 2. Have a good understanding about the concept of information system and information system types; information system development process. 3. Have a basic knowledge of system analyst duties and capabilities; preliminary investigation and feasibility analysis; system proposal preparation and presentation; systems implementation; new system to handle process. 4. To have ability of information system analysis, 5. To have ability of information system design.
Contents of the course	

Weeks	Subjects
1	Introduction to System Analysis and Design
2	Information System and Information System Types, Information System Development Process
3	System Analyst Duties and Capabilities, Preliminary Investigation and Feasibility Analysis
4	Systems Analysis: Data Collection
5	Systems Analysis: Data Modeling
6	System Design
7	Interface Design
8	MIDTERM EXAM
9	Database Design
10	Database Design (continues to)
11	Systems Implementation, CASE and Process Switching to New System
12	System Maintenance and Support
13	Project Presentations
14	Project Presentations
15	FINAL EXAM

General Qualifications
In evaluations, the ability of students to use information system analysis and design ability in the field of information systems is considered as an important criterion.
References
<ol style="list-style-type: none"> 1. Satzinger, J.W., Jackson, R.B., Burd, S.D., System Analysis and Design, Course Technology, Course Technology Inc., 3rd edition edition, 2004. 2. Kalıpsız, O., Buharalı, A., Biricik, G., Sistem Analizi ve Tasarımı, Papatya Yayıncılık, 2006.

Evaluation

Midterm Exam: % 40, Final Exam: % 60. Project or homework evaluations can be made at the beginning of the semester.
