

Management Information Systems			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	YBS214		
Course Name:	Project Management in Information Systems		
Semester:	Spring		
Course Credits:	ECTS 3		
Language of instruction:	Turkish		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Compulsory Courses		
Course Level:	Bachelor TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree		
Mode of Delivery:	Face to face		
Course Coordinator:	Doç. Dr. ŞEBNEM ÖZDEMİR		
Course Lecturer(s):	Dr. Öğr. Üy. TAYFUN UTAŞ		
Course Assistants:			

Course Objective and Content

Course Objectives:	The main goal is to teach students all processes from the selection phase to the termination phase of a project. In addition, it is aimed to enable the students to apply the knowledge they have gained about project management and to learn the project management tools. In addition to learning project management processes, they will also be able to recognize information systems that support project management. As a result, it is to provide students with the skills to manage or support information systems projects or projects in any field.
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Course Content:	This course is designed to make undergraduate students understand Project Management Body of Knowledge (PMBOK) created by The Project Management Institute (PMI). The course provides comprehensive frameworks for identifying the critical knowledge areas that project managers must understand.
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Learning Outcomes

The students who have succeeded in this course;

- 1) Upon successful completion of the course students, know the project management process.
- 2) Upon successful completion of the course students, know project management tools.
- 3) Upon successful completion of the course students, know information systems projects
- 4) Upon successful completion of the course students, Have an understanding of to develop information systems to support the project management process.

Course Flow Plan

Week	Subject	Related Preparation
1)	Ch1. Introduction: Why Project Management? Project Management Tools	
2)	Ch2. The Organizational Context: Strategy, Structure, and Culture	
3)	Ch3. Project Selection and Portfolio Management	
4)	Ch 4. Leadership and the Project Manager	
5)	Ch 5. Scope Management	
6)	Ch 6. Project Team Building, Conflict, and Negotiation	
7)	Ch 7. Risk Management	
8)	Midterm Exams	
9)	Ch 8. Cost Estimation and Budgeting	
10)	Ch 9. Project Scheduling: Networks, Duration Estimation, and Critical Path	
11)	Ch 10. Project Scheduling: Lagging, Crashing, and Activity Networks	
12)	Ch 11. Advanced Topics in Planning and Scheduling: Agile and Critical Chain	
13)	Ch 12. Resource Management	
14)	Ch 13. Project Evaluation and Control	
15)	Ch 14. Project Closeout and Termination Disruptive Concepts	

16)	Final Exams	
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Sources

Course Notes / Textbooks:	- Lecture notes and discussions - Pinto,J.,K. 2019. Project Management: Achieving Competitive Advantage, Global Edition, 5/e, 5th Edition, Pearson.
References:	Ek bir kaynağa gerek duyulmamaktadır. - No additional source is required.

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4
Program Outcomes				
1) It has a wide range of interdisciplinary approaches to management information systems, primarily business and computer engineering.	3	3	3	3
2) Comprehends the management information systems in terms of technical, organizational and managerial aspects and uses the current programming language by knowing the logic of programming.	3	3	2	3
3) Uses different information technologies and systems for understanding and solving various business problems.	3	2	3	2
4) Interpret the data, concepts and ideas in the field of management information systems with scientific and technological methods.	3	2	2	2
5) Analyze the needs for an information system and analyze the processes of analysis, design and implementation of the database.	2	1	1	3
6) Gains technical and managerial contributions to IT projects and takes responsibility.	3	2	2	3
7) Solve complex business and informatics problems by using various statistical techniques and numerical methods and make analyzes using statistical programs effectively.	3	2	2	2
8) Uses a foreign language at the B1 General Level in terms of European Language Portfolio criteria according to the level of education.	2	3	3	3
9) Develops teamwork, negotiation, leadership and entrepreneurship skills.	3	2	2	3
10) Has universal ethical values, social responsibility awareness and sufficient legal knowledge.	3	2	2	2
11) Develops positive attitudes related to lifelong learning and identifies individual learning needs and carries out studies to correct them.	3	2	2	2

12) Students will be able to communicate their ideas and solutions both written and orally, and present and publish them on both national and international platforms.	1	2	3	4
13) It uses information and communication technologies together with computer software at the advanced level of European Computer Driving License required by the field.	1	2	2	2

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	It has a wide range of interdisciplinary approaches to management information systems, primarily business and computer engineering.	3
2)	Comprehends the management information systems in terms of technical, organizational and managerial aspects and uses the current programming language by knowing the logic of programming.	2
3)	Uses different information technologies and systems for understanding and solving various business problems.	3
4)	Interpret the data, concepts and ideas in the field of management information systems with scientific and technological methods.	3
5)	Analyze the needs for an information system and analyze the processes of analysis, design and implementation of the database.	3
6)	Gains technical and managerial contributions to IT projects and takes responsibility.	3
7)	Solve complex business and informatics problems by using various statistical techniques and numerical methods and make analyzes using statistical programs effectively.	2
8)	Uses a foreign language at the B1 General Level in terms of European Language Portfolio criteria according to the level of education.	2
9)	Develops teamwork, negotiation, leadership and entrepreneurship skills.	3
10)	Has universal ethical values, social responsibility awareness and sufficient legal knowledge.	3
11)	Develops positive attitudes related to lifelong learning and identifies individual learning needs and carries out studies to correct them.	3

12)	Students will be able to communicate their ideas and solutions both written and orally, and present and publish them on both national and international platforms.	2
13)	It uses information and communication technologies together with computer software at the advanced level of European Computer Driving License required by the field.	2

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Quizzes	1	% 15
Midterms	1	% 35
Final	1	% 50
total		% 100
PERCENTAGE OF SEMESTER WORK		% 50
PERCENTAGE OF FINAL WORK		% 50
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	14	28
Quizzes	6	6
Midterms	6	12
Final	7	21
Total Workload		67