OSTIM TECHNICAL UNIVERSITY
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES
MANAGEMENT INFORMATION SYSTEMS DEPARTMENT
COURSE SYLLABUS FORM

MIS 400 Graduation Project							
Course Name	**Course Code**	**Period**	**Hours**	**Application**	**Laboratory**	**Credit**	**ECTS**
Graduation Project	MIS 400	8	0	10	0	5	8

Language of Instruction	English
Course Status	Elective
Course Level	Bachelor
Learning and Teaching Techniques of the Course	Lecture, Question-Answer

Course Objective
The objective of a graduation project course is to provide students with an opportunity to apply the knowledge and skills they have gained throughout their academic program to a real-world problem or project. The course is designed to help students prepare for their transition from academic life to professional life.

Learning Outcomes
The students who become successful in this course will be able; • to develop independent research and problem-solving abilities • to plan, execute, and present a project. • to build technical writing and oral communication skills • to apply theoretical concepts to real-world situations. • to engage with industry professionals or other stakeholders as part of the project.

Course Outline
This course includes project proposal and planning. Students will present their project to a panel of experts, which may include the course supervisor, industry professionals, and other stakeholders. They will be expected to clearly explain the problem they addressed, the methods used, and the results obtained. Students will be required to submit a final report detailing the project, including an introduction, literature review, methodology, results, conclusion, and references.

Weekly Topics and Related Preparation Studies		
Weeks	**Topics**	**Preparation Studies**
1	Introduction: Overview of the project requirements, expectations, and evaluation criteria.	
2	The Importance of Ethical Codes in Professional Societies	– Industry reports and white papers: "Code of Ethics" by Institute of Management Accountants (IMA), "AICPA Code of Professional Conduct" by American Institute of Certified Public Accountants (AICPA)
3	Project management and technical writing	– Project Management for Information Systems" by J. Cadle and D. Yeates, "Writing for Computer Science" by J. H. Watt
4	Case studies	– "Implementing a CRM System at Dell" by Dell, "Transforming Supply Chain Management at Procter & Gamble" by Procter & Gamble
5	Project Proposal and References	– Research question – Research method – Expected outcomes
6	Project Planning	– the tasks, milestones, and timeline for the project. – to identify any potential challenges and develop strategies for addressing them.
7	Project Execution	– Guidance and feedback
8	**MIDTERM EXAM**	
9	Guidelines for effective presentation	– Research papers: "The Art of Effective Presentation" by J. A. Dillard, "Effective Presentation Techniques: A Review" by J. E. Dabney
10	Guidelines for effective presentation	– Case studies: "Steve Jobs' iPhone Launch Presentation" by Apple, "TED Talk: How Great Leaders Inspire Action" by Simon Sinek

11	Project Presentation	– Presentation to a panel of experts, which may include the course supervisor, industry professionals, and other stakeholders.
12	Project Presentation	
13	Project Presentation	
14	Project Report	– Research papers: "Effective Project Reporting" by J. E. Dabney, "Writing a Successful Technical Report" by J. A. Dillard
15	**FINAL EXAM**	

Textbook(s)/References/Materials:
Textbook: Richardson, G. L., & Jackson, B. M. (2018). Project management theory and practice. Auerbach Publications.
Supplementary References:
Other Materials: -

Assessment		
Studies	**Number**	**Contribution margin (%)**
Attendance		
Lab		
Class participation and performance		
Field Study		
Course-Specific Internship (if any)		
Quizzes / Studio / Critical		
Homework		
Presentation		
Projects	1	30
Report		
Seminar		
Midterm Exam / Midterm Jury	**1**	**20**
General Exam / Final Jury	**1**	**50**
Total		**100**
Success Grade Contribution of Semester Studies		**50**
Success Grade Contribution of End of Term		**50**
Total		**100**

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Course hours (Including the exam week): 16 x totalcourse hours)	15	10	150
Laboratory			
Application			
Course-Specific Internship (if any)			
Field Study			
Study Time Out of Class	10	4	40
Presentation / Seminar Preparation			
Projects	1	10	10
Reports			
Homework			
Quizzes / Studio Review			
Preparation Time for Midterm Exams / Midterm Jury	1	20	20
Preparation Period for the Final Exam / General Jury	1	20	20
Total Workload	**(240/30 = 8)**		**240**

Course' Contribution Level to Learning Outcomes						
Nu	**Learning Outcomes**	**Contribution Level**				
		1	**2**	**3**	**4**	**5**
LO1	To develop independent research and problem-solving abilities					X
LO2	To plan, execute, and present a project.					X
LO3	To build technical writing and oral communication skills					X
LO4	To apply theoretical concepts to real-world situations.					X
LO5	To engage with industry professionals or other stakeholders as part of the project.					X

Relationship Between Course Learning Outcomes and Program Competencies (Department of Management Information Systems)							
Nu	**Program Competencies**	**Learning Outcomes**					**Total Effect (1-5)**
		LO1	**LO2**	**LO3**	**LO4**	**LO5**	
1	Recognize and distinguish the basic concepts such as data, information, and knowledge in the field of Management Information Systems and know the processes to be followed for data acquisition, storage, updating, and security						
2	Develop and manage databases suitable for collecting, storing, and updating data						
3	As a result of his/her ability to think algorithmically, easily find solutions to the problems concerning the basic business functions		x		x	x	**5**
4	Learn programming logic, have information about current programming languages						
5	Be able to use up-to-date programming languages						
6	Be able to take part in teamwork or lead a team using knowledge of project management processes	x	x	x	x	x	**5**
7	Know ethical and legal rules, use professional field knowledge within the scope of ethical and legal rules	x	x	x	x	x	**5**
8	Have knowledge in the fundamental areas of business administration namely management and organization, production, finance, marketing, numerical methods, accounting, etc., and have the knowledge and skills to work in-depth in at least one of them				x		**3**
9	Be able to solve the problems encountered in the field of internet programming by designing web applications	x		x	x		**5**
10	Develop and manage logistics and supply chain management activities.						

11	Adapt his/her theoretical knowledge and the experience he/she will gain through practice at the departments of businesses such as information technologies, R&D, and management to real life.						
12	Be able to develop strategies that will provide a competitive advantage with his/her advanced knowledge of management strategies and management functions	x				x	**5**
13	Develop a business idea, commercialize the business idea, and design and manage his/her own venture using entrepreneurial knowledge			x			**3**
14	By using English effectively, they can follow, read, write, speak and communicate universal information in the field of management information systems in a foreign language with professional competence.						
Total Effect							**31**

Policies and Procedures
Web page: https://www.ostimteknik.edu.tr/management-information-systems-english-1241/915
Exams: The exams aim at assessing various dimensions of learning: knowledge of concepts and theories and the ability to apply this knowledge to real-world phenomena, through analyzing the situation, distinguishing problems, and suggesting solutions. The written exams can be of two types, ie. open-ended questions, which can also be in the form of problems or multiple-choice questions.
Assignments: Quizzes and Homework (Assignments) might be applicable. Scientific Research Ethics Rules are very important while preparing assignments. The students should be careful about citing any material used from outside sources and reference them appropriately.
Missed exams: Any student missing an exam needs to bring an official medical report to be able to take a make-up exam.
Projects: A group project with teamwork is welcome.
Attendance: Attendance requirements are announced at the beginning of the term. Studentsare usually expected to attend at least 70% of the classes during each term.
Objections: If the student observes a material error in his/her grade, he/she has the right to place an objection to the Faculty or the Department. The claim is examined and the student is notified about its outcome.