COURSE PROFILE

Course Name	Code	Semester	Term	Theory+PS+Lab (hour/week)	Local Credits	ECTS
Project Management for MIS	MIS505	Spring		3 + 0 + 0	3	8

Prerequisites	None

Course Language	English
Course Type	Departmental Elective
Course Lecturer	Assoc. Prof. Dr. Vedat Coskun
Course Assistant	Büşra Özdenizci
Course Objectives	This course aims to enable the student to have enough level of knowledge and expertise to manage a project.
Course Learning Outcomes	Students will be able to do the following: • Describe complex issues of project management • Integrate previous learning with perspectives on real-world challenges • Develop and justify practical strategies, tools and practices • Describe resources available to the project manager to keep current with trends and best practices • Research, analyze and assess best practices • Document the research in a formal written research document suitable for presentation • Summarize the research, analysis and findings in a formal in-class presentation, and evaluate others' presentations in the context of concepts learned during the course.
Course Content	Project selection, project organization, project planning, cost estimation, scheduling, resource allocation, monitoring and tracking, project control, audit and termination.

COURSE CONTENT

Week	Subjects	Related
1	Review of Project Management Knowledge Areas	
2	Best practices in project management	Chapter 1
3	Best practices in project management	Chapter 3, 15
4	Executive sponsorship in projects; Change Management	Chapter 7
5	The Project Management Office	Chapters 12
6	Choices in project management methodology	Chapter 4
7	Challenges in managing project scope	Chapter 17
8	Project Portfolio Management	Chapter 14
9	Project Portfolio Management	Chapter 16
10	Best practices in estimation	Chapter 19
11	Team organization and people management	Chapter 6
12	Team organization and people management	Chapter 10
13	Quality, testing, traceability and root cause analysis	Chapter 13
14	Challenges of project risk assessment	Chapter 5

Course Textbook	Project Management Best Practices: Achieving Global Excellence, 2nd Edition. Hoboken, New Jersey: John Wiley & Sons, Inc., 2010. ISBN: 978-0-470-52829-7 704pgs.
Recommended References	

Semester Requirements	Number	Percentage of Grade
Attendance/Participation		
Laboratory		
Application		
Special Course Internship (Work Placement)		
Quizzes/Studio Critics		
Homework Assignments		
Presentation		
Project		
Seminar/Workshop		
Midterms/Oral Exams	1	40
Final/Resit Exam	1	60
Total		100

	Number	Percentage of Grade
PERCENTAGE OF SEMESTER WORK	1	40
PERCENTAGE OF FINAL WORK	1	60
Total		100

Course Category	Core Courses	
	Major Area Courses	X
	Supportive Courses	
	Media and Management Skills Courses	
	Transferable Skill Courses	

COURSE'S CONTRIBUTION TO PROGRAM

#	Program Qualifications / Outcomes	* Level of Contribution				
		1	2	3	4	5
1	An ability to use the theoretical and applied foundations in mathematics and basic sciences acquired in the undergraduate level to the solutions of problems in information technology area		X			
2	An ability to analyze a graduate level problem, identify and define the computing requirements appropriate to its solution, to understand, select and use appropriate technology, tools, standards, protocols, building blocks, and components to solve the problem			X		
3	An ability to propose, analyze, design, develop, test and maintain an information technology system including software solutions, security model, computer and network infrastructure, information systems etc. to solve graduate level information technology problems					X
4	An ability to analyze and communicate local and global impact of computing on individuals, organizations and society; and the ability to apply information technology techniques, skills, and tools for regular computing practices as well as to improve effectiveness of current methodologies					X
5	An ability to effectively communicate in oral and written media with all kinds of related audiences, prepare documentation for this purpose; and acquire academic writing skills in a foreign language					X
6	An ability to understand and teach professional, ethical, legal, and social issues and responsibilities of information technology profession and research			X		
7	An ability to gain knowledge and conduct research on topics inside and outside the requirements of the information technology profession, and the ability to lead and work within heterogeneous teams of people from different research areas to accomplish interdisciplinary research		X			
8	An ability to engage in life-long learning and professional development for personal improvement to follow contemporary information technology research		X			

*1 Lowest, 2 Low, 3 Average, 4 High, 5 Highest

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Number	Duration (Hours)	Total Workload
Course Hours (Including Exams)	14	3	42
Tutorials			
Laboratory			
Application			
Special Course Internship (Work Placement)			
Field Work			
Study Hours Out of Class	14	5	70
Presentations / Seminar			
Project			
Preparatory reading	14	6	84
Homework Assignments			
Quizzes			
Midterm Exams	1	2	2
Final / Resit Exam	1	2	2
		Total Workload	200

COURSE CATEGORY

ISCED GENERAL AREA CODES	GENERAL AREAS	ISCED BASIC AREA CODES	BASIC EDUCATIONAL AREAS	
1	Education	14	Teacher Training and Educational Sciences	
2	Humanities and Art	21	Art	
2	Humanities and Art	22	Humanities	
3	Social Sciences, Management and Law	31	Social and Behavioural Sciences	40
3	Social Sciences, Management and Law	32	Journalism and Informatics	
3	Social Sciences, Management and Law	38	Law	
4	Science	42	Life Sciences	
4	Science	44	Natural Sciences	
4	Science	46	Mathematics and Statistics	
4	Science	48	Computer	60
5	Engineering, Manufacturing and Civil	52	Engineering	
5	Engineering, Manufacturing and Civil	54	Manufacturing and Processing	
5	Engineering, Manufacturing and Civil	58	Architecture and Structure	
6	Agriculture	62	Agriculture, Forestry, Livestock, Fishery	
6	Agriculture	64	Veterinary	
7	Medicine and Welfare	72	Medical	
7	Medicine and Welfare	76	Social Services	
8	Service	81	Personal Services	
8	Service	84	Transport Services	
8	Service	85	Environment Protection	
8	Service	86	Security Services	