SE304 SOFTWARE PROJECT MANAGEMENT COURSE CATALOG FORM



Course Code: SE304				Course Name: Software Project Management					
Semester	(Lc + T + L)	Credit	ECTS	Language	Category	Instructional Methods	Prerequisites		
6	3+0+0	3	6	English	Compulsory	Course, Project, laboratory	None		
manage manage				ftware projects: Planning, cost estimation and scheduling; project gement tools, productivity metrics, project control techniques, risk gement, software contract, teamwork, leadership, communication, ganizational issues.					
Course Ob	jectives								
Course Ou	tcomes		Identify desirable characteristics of effective project managers. Apply appropriate approaches to plan a new project. Apply appropriate methodologies to schedule a project Develop a suitable budget for a new project. Identify and manage important risks facing a new project. Apply appropriate techniques to assess ongoing project performance.						
IEEE Con				ing and Leading Software Projects <i>Richard E. (Dick) Fairley,</i> Wiley- Emputer Society Press (February 9, 2009) ISBN-10: 0470294558 ISBN-3-0470294550					
Other References			Software Engineering, "A practitioner's Approach", Roger S. Pressman, Bruce R. Maxim McGraw Hill International Edition Eighth Edition 2015, ISBN: 978-1-249-25315-7 or MHID 1-259-25315-5 Object-Oriented Software Engineering, Using UML, Patterns, and Java Bernd Bruegge & Allen H. Dutoit, 2004 Prentice Hall; 2 nd edition ISBN-10: 0130471100, ISBN-13: 973-0130471109 The Mythical Man-Month: Essays on Software Engineering, 20th Anniversary Edition. Frederick P. Brooks, Jr. MA: Addison-Wesley, 1995						

CONTRIBUTION OF COURSE OUTCOMES

ON

SOFTWARE ENGINEERING PROGRAM OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1										
CO2										
CO3										

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COURSE PLAN

Week	Topics
1	Introduction
2	Software Development Process Models
3	Establishing Project Foundations
4	Plans and Planning
5	Project Planning Techniques
6	Project Planning Techniques
7	Estimation Techniques
8	Estimation TechniquesMIDTERM
9	Measuring and Controlling Work Products
10	Managing and Controlling Work Processes
11	Managing Project Risk
12	Managing Project Risk
13	Teamwork, Leadership, and Communication
14	Organizational Issues

COURSE ASSESMENT AND ECTS WORK LOAD

Type of Work					ECTS WORK LOAD		
			Contribution (9	n (%)	Time (Hour) (Including prep. time)	Work load	
Attendance				5	3	42	
Final Exam		1		20	10	10	
Quizzes		6		5	1	6	
Term project		1		50	84	84	
Reports							
Final Project							
Seminar							
Assignments							
Presentation							
Midterms				20	10	10	
Project							
Laboratory							
Tutorial							
Other(Self study)							
CONTRIBUTION OF SEMESTER LONG STUDIES			85		Total work load	152	
CONTRIBUTION OF END OF SEMESTER STUDIES			15		Total work load / 25	6	
Total:			100		ECTS Credit	6	
Preparation Date /Revision	-	red by /Revised by :			Approved by:		

Preparation Date /Revision	Prepared by /Revised by :	Approved by:
Date:	Asst. Prof. Emine Ekin	
Dec.1, 2015		