

Specification for the book of courses

Study program		Electrical Engineering and Computer Science		
Module		Computing and Informatics		
Type and level of studies		Undergraduate Academic Studies		
The name of the course		Project Management		
Lecturer (for lectures)		Milentijević Z. Ivan		
Lecturer/associate (for exercises)		Vojinović M. Oliver		
Lecturer/associate (for OFE)				
Number of ECTS	3	Course status (obligatory/elective)	Elective	
Prerequisites				
Course objectives	To familiarize students with basic principles of the organization of the project. To provide practical experience in planning, monitoring and managing the project.			
Course outcomes	At the end of the course students will have experience working within the project team during the planning of the project, they will understand problems of the organization of the project team, interaction with users, schedules and budgets, risk management.			
Course outline				
Theoretical teaching	<p>Management - features and functions. Management challenges in IT technology and engineering. Project life cycle, product life cycle. Project management in the context of an organization. Project management processes, standards, interactions in the process. Selection and establishment of the project. Management of engineering design, cost estimation of the project. Project scope management. Schedule management; activities - identification and scheduling, duration and resource estimation, schedule monitoring and change management.</p> <p>Human Resource Management; human resource planning, setting up, developing and managing the project team. Communication management in the project, communications planning, information distribution, internal and external reporting, collaboration and teamwork. Risk management, risk management planning, risk identification, qualitative and quantitative risk analysis, risk response planning, monitoring and control of risk. Technical support and maintenance. Trends in IT project management.</p>			
Practical teaching (exercises, OFE, study and research)	Team project organization in planning phases, from project selection and initiation, to project plan acceptance.			
Textbooks/references				
1	Kathy Schwalbe, Information Technology Project Management, Cengage Learning (2014)			
2	James Taylor: Managing Information Technology Projects: Applying Project Management Strategies to Software, Hardware, and Integration Initiatives, American Management Association, USA, 2004.			
3	Project Management Institute (PMI-USA), A Guide to the Project Management Body of Knowledge: PMBOK(R) Guide, 5th edition, translation to Croatian. Mate, Zagreb, Croatia (2011)			
4				
5				
Number of classes of active education per week during semester/trimester/year				
Lectures	Exercises	OFE	Study and research work	Other classes
2	1	0	0	0
Teaching methods	Lectures, auditive excercises, consultations, homework, team projects.			
Grade (maximum number of points 100)				
Pre-exam duties	Points	Final exam	Points	
Activity during lectures	10	Written exam		
Exercises	10	Oral exam	40	
Colloquia				
Projects	40			