

(Table 5.2) Course unit description

Study program: Informatics			
Type and level of studies: Master Academic Studies			
Course unit: PROJECT MANAGEMENT			
Teacher in charge: Stefanovic Nenad			
Language of instruction (<i>English or other foreign language</i>) English			
ECTS: 6			
Prerequisites: no			
Semester (<i>Winter Semester or Summer Semester</i>) Winter			
Course unit objective Master the basic concepts, methods, techniques and tools for the successful project management.			
Learning outcomes of Course unit Students will acquire the necessary theoretical and practical knowledge and skills for the efficient project management with special emphasis on the information technology project management. The course is formulated in accordance with official curriculums (Project Management Institute, ITIL and Microsoft Project). Acquired knowledge and skills can be used for managing various types of projects, as well as for taking the official international exams in these domains.			
Course unit contents <i>Theoretical classes</i> Project Management Institute PMBOK (Project Management Body of Knowledge) – project initiation, planning, execution, monitoring & control, and closure. This includes management of: scope, integration, costs, time, human resources, risk, quality, communication, procurement and stakeholders; ITIL (IT Infrastructure Library) – ITIL Foundation; Software project management; Agile project management. <i>Practical classes</i> Managing projects with Microsoft Project and Project Server: Choosing the right Project edition; Creating and saving projects; Setting up calendars; Creating individual and recurring tasks; Linking and timing tasks; Assigning tasks to resources; Viewing your data differently with sorting, grouping, and filtering; Fine-tuning the project schedule; Understanding baseline, schedule, and actual values; Reporting on the project status; Sharing projects. Students take three tests: I – PMBOK (20 points); II – ITIL and Software project management (11 points); III – MS Project (15 points). The final exam includes team project work (50 points).			
Literature 1. PMI, A Guide to the Project Management Body of Knowledge (PMBOK Guide) 5 th Edition, PMI, 2013. 2. Bob Hughes, Mike Cotterell, Software Project Management, McGraw-Hill Higher Education, 2009. 3. Pham, P. Van Pham, Scrum in Action: Agile Software Project Management and Development, 2011. 4. S. Daley, Project 2013 in Depth, Que Publishing, 2013.			
Number of active teaching hours			Other classes
Lectures: 2	Practice: 2	Other forms of classes: 1	
Independent work:			
Teaching methods: - Blended learning - Combination of classical and e-learning. - Interactive teaching with multimedia content. - Classroom and online lectures. - Usage of the Office 365 platform for document and content management, video conferencing, social networking and collaboration.			
Examination methods (maximum 100 points)			
Exam prerequisites	No. of points:	Final exam	No. of points:
Student's activity during lectures	4	oral examination	
Practical classes		written examination	
Tests	46	Project	50
Project			
Other			

Grade	No. of points	Description
10	91-100	Excellent
9	81-90	Exceptionally good
8	71-80	Very good
7	61-70	Good
6	51-60	Passing
5	0-50	Failing