NAME OF THE COURSE	IT PROJECTS MANAGEMENT					
Code	EUB406	Year of study		2		
Course teacher	Garbin Praničević Daniela, Associate Profesor Čukušić Maja, Associate Profesor	Credits (ECTS)		5		
Associate teachers	Ivana Ninčević Pašalić	Type of instruction (number of hours)	L	S	E	F
			26		26	
Status of the course	mandatory	Percentage of application of e-learning	40%			
COURSE DESCRIPTION						
Course objectives	Understand the process of IT project managing (implementing) in practice. Develop skills to use IT project management tools.					
Course enrolment requirements and entry competences required for the course	There are no prerequisites for the enrollment.					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Learning outcomes: Design an IT project using IT project management tools Individual learning outcomes: 1. Realize the phases of the IT project implementation in the context of the business system. 2. Assess the relevance of the IT projects successful implementation for the business system. 3. Evaluate internal and external factors that affect the success of an IT project. 4. Identify the consequences of applying a bad methodology to the IT project outcome.					

Course content broken down in detail by weekly class schedule (syllabus)	Lectures		Exercises	
	Topic	Hours	Topic	Hours
	Project management basics. Key project definitions. Project management as process.	2	Assignment 1 Introduction in course practical part. Student projects selections.	2
	IT Project Planning.	2	Assignment 2 Creating a design plan, defining the project scope and project resources, estimate project duration, project time schedules	2
	IT project cost estimation. Quality, communication and human resources planning	2	Assignment 3 IT project cost estimation techniques, budget and cost harmonization. Roles documentation and team responsibilities.	2
	Risk analysis and risk management planning. IT project procurement management.	2	Assignment 4 Creating a risk management plan, performing quantitative and qualitative risk analysis.	2

	IT project production. Monitoring and controlling project work	2	Assignment 5 Creating a design plan, defining the project scope and project resources, estimate project duration, project time schedules	2
	Project activities monitoring and controlling (Project schedule, project cost, project quality, communication and human resources and project risks)	2	Assignment 6 Quality control, project team management, project performance reporting, stakeholder expectations handling	2
	IT project management approaches. Traditional PM approach. IT project management tools *Guest lecturer* *(IT project expert)*	2	Assignment 7 Closing the project (administrative project closure and project contract closing) Homework 1	2
	Colloquium 1			
	Introduction to "agile" project management (values, principles and agile methodology).	2	Assignment 8 IT project management approach selection in accordance with project type. Differences and approach comparison Introducing with the MS Sure Step tool and methodology. Managing the Complex IT Solutions Implementation with MS Sure Step support	2
	Using Scrum Methodology (Identification of Role and Responsibility, Scrum Process Implementation).	2	Assignment 9 Planning within the MS Sure Step diagnostic phase.	2
	Project management using Scrum methodology (Scrum projects evaluation and monitoring, best practice)	2	Assignment 10 Planning within the MS Sure Step analysis phase	2
	Understanding Critical Factors for Implementing "Agile" Project Management (Myths About Agile Projects, Advantages, Challenges)	2	Assignment 11 Deployment Plan. Project status report producing. Closing the project in MS Sure Step.	2

	Project Portfolio Management. PM Associations and Standards (PMI, PMBOK, PRINCE2, CMMI, ISO, Certificates) *Guest lecturer*	2	Assignment 12 Review and analysis of (other) project management tools Homework 2	2
	Outsourcing IT Projects - Managing Remote Human Resources / Project Teams	2	Assignment 13 Project portfolio management tools and techniques	2
	Colloquium 2			

Format of instruction	X lectures ☐ seminars and workshops X exercises ☐ on line in entirety X partial e-learning ☐ field work	X independent assignments ☐ multimedia ☐ laboratory X work with mentor ☐ (other)

Student responsibilities	The students are obliged to attend the class, participate in course activities properly, and perform the above stated assignments. The requirement for enter colloquium are submitted exercises assignments. The condition for sign is attendance at 70% of classes (30% for part-time students) and presented/uploaded seminar essey (valid for all). The condition for accessing the exam is the signature and the Final assignment.

Screening student work *(name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)*	Class (on line) attendance	1,7	Research		Practical training	
	Experimental work		Report		Final assignment (Other)	1
	Essay	0,5	Seminar		(Other)	
	Colloquium	1,8	Oral exam		(Other)	
	Written exam		Project	1	(Other)	

Grading and evaluating student work in class and at the final exam	Model of point's accumulation is used as method of student progress continuous monitoring. During the semester the students have the opportunity acquire the right of direct grade enrollment by collecting a total of 100 points within the following activities:, colloquium (2x12 points), exercises/assignments (13x2 points) homework (2X4 points), case study (10 points) and final assignment (20 points). The pointing threshold and the grading scale are as follows: < 70 = back to written exam 70-75 = sufficient (2) 76-80 = good (3) 81-85 = very good (4) 86-100 = excellent (5) Upon the announcement of the assessment results, students have opportunity of assessment insight in consultancy hours. The exam is confirmed passed if the student has achieved 70 points (or more) by cumulating scores realized on: tests, exercises assignments, case studies and final assignments.

	The students who do not achieve the pointing threshold as stated above, have to take a written exam which is considered passed with 70% accuracy. The prerequisites to take the written exam are the uploaded both, Final assignment and all exercises assignments.		
	Title	**Number of copies in the library**	**Availability via other media**
Required literature (available in the library and via other media)	• A guide to the project managment body of knowlegde (2003): (PMBOK guide) / [Project Management Institute], 2003. https://www.pmi.org/	2	
	• Garbin Praničević, D (urednik): (2016): Menadžment informatičkih projekata, Ekonomski fakultet Split	10	
	• Teaching materials uploaded on the Moodle's course page		
Optional literature (at the time of submission of study programme proposal)	• Fuller, M, Valacich, J., George, J.: Information Systems Project Management (2008): A Process and Team Approach, Prentice Hall. • Schwalbe K. (2011). Information Technology Project Management. Course Technology, Boston. • Schwaber, K. (2004). Agile Project Management with SCRUM. Microsoft Press. • Remington, K., Pollack, J. (2008). Tools for complex projects. Gower, USA. • McManus, J., Wood-Harper. T.(2003). Information system project management: metods, tools and techniques. Prentice Hall, UK. • https://www.pmi.org/certifications • https://www.gartner.com/en		
Quality assurance methods that ensure the acquisition of exit competences	• Monitoring attendance and performance of student's obligations (Teacher) Teaching Supervision (Vice Dean) • Study outcome analyses applied to all study programs (Vice Dean for Teaching) • Student Survey referring the Teachers and Teaching Quality applied on each Study Subject (UNIST, Center for Quality Improvement) • The examination conducted by the teacher are examined all course learning outcomes. Periodic checking of the exam content is conducted and accordingly assessed the appropriateness of learning outcomes method (Vice Dean for teaching).		
Other (as the proposer wishes to add)			