

<b>Study Programme:</b> Information Technology in e-Government and Business Systems		
<b>Course Unit Title:</b> IT Project Management		
<b>Course Unit Code:</b> DAS221		
<b>Name of Lecturer(s):</b> Assistant Professor Vesna Makitan, PhD; Assistant Professor Eleonora Brtko, PhD		
<b>Type and Level of Studies:</b> Master Academic Degree		
<b>Course Status (compulsory/elective):</b> Compulsory		
<b>Semester (winter/summer):</b> Summer		
<b>Language of instruction:</b> English		
<b>Mode of course unit delivery (face-to-face/distance learning):</b> Face-to-face		
<b>Number of ECTS Allocated:</b> 5		
<b>Prerequisites:</b> None		
<b>Course Aims:</b> Considering a fact that doing business today means project realization and, on the other hand, the ubiquity of information technology, the importance of this subject is understandable. The subject goal is that students gain knowledge about tools and techniques of IT project management, its knowledge areas, specificity of IT projects, as well as specificity of managing these projects. Students should learn and be trained for individual and team work and become successful in their future IT projects.		
<b>Learning Outcomes:</b> Students trained in the implementation of the project approach to solving business activities, with adopted theoretical settings of all phases of the IT projects life cycle, from planning to the project closure. Having the terminology and knowledge necessary for the practical realization of projects in the IT domain.		
<b>Syllabus:</b>		
<i>Theory</i>		
Introductory; Project management in IT context; Process groups and knowledge areas of project management; IT integration management; Scope management of IT projects; Time management of IT projects; Cost management of IT projects; Quality management of IT projects; Resource management of IT projects; Communication management of IT projects; Risk management of IT projects; Procurement management of IT projects.		
<i>Practice</i>		
Characteristics of Microsoft Project 2016 and its application in all phases of the IT projects life cycle. Individual development of project plans and analysis of selected information technology projects.		
<b>Required Reading:</b>		
[1] Kathy Schwalbe, "Information technology project management" sixth edition, 2008, Course Technology, Boston, USA		
[2] Project Management Body of Knowledge. Project Management Institute, Fourth Edition (PMBOK Guides): Upper Darby, 2006.		
[3] Marchewka, Jack T., Information technology project management fifth edition, Wiley, NY, USA, 2013.		
[4] Wysocki, Robert K. Effective project management, John Wiley and Sons, inc. USA, 2014.		
[5] Kerzner, Harold, Applied project management, John Wiley and Sons, inc. USA, 2000.		
<b>Weekly Contact Hours: 4</b>	<b>Lectures: 2</b>	<b>Practical work: 2</b>
<b>Teaching Methods:</b>		
Lectures, individual and group work, interactive classes in planning specific IT projects, discussions, auditory and computer exercises.		
<b>Knowledge Assessment (maximum of 100 points):</b>		

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	10	Written exam	40
Project	30	Oral exam	20