

Study Programme: Engineering Management			
Course Unit Title: Project Management Software			
Course Unit Code: IM1314			
Name of Lecturer(s): Slobodan Morača			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): winter			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 5			
Prerequisites: none			
Course Aims: The goal of the course is to educate future engineers management to manage projects for the use of software tools. Participants will be trained to use specialized software and software support for general-purpose project management in all phases of the project cycle (Microsoft Project, Primavera Project Management Professional, RiskyProject, etc.).			
Learning Outcomes: After completing this course, students will be thoroughly familiar with the capabilities provided by the software for support project management activities. Through lectures and exercises, students will be trained to use the software in accordance with project requirements. By passing the exam, students will be able to obtain the certificate.			
Syllabus. Analysis of needs and possibilities of computer use in business processes; Desktop software programs for project management; Web based software for project management; Unconventional software project management tools; Cloud technology project management; New trends in computer aided project management; Computer support for defining input parameters for the development of a project plan, project activities, determining the resources and costs; Defining the base of the project plan and reporting; Insertion and extraction of data from other programs; Monitoring the progress of the project; Correction of the project plan and reporting; Analysis of the completed project and application software in the analysis of actual building performance; Systematization of knowledge acquired during the project.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 3	Practical work: 0	
Teaching Methods: The method of teaching is based on the multimedia lectures and computer exercises. Lectures provide a basic knowledge of software tools to support project management, and computer exercises classes are conducted in a computer lab where practical training in the field of project management is done by the use of computers.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

