

Study Programme: Engineering Management			
Course Unit Title: Procurement and Cost Project Management			
Course Unit Code: IM1313			
Name of Lecturer(s): Uglješa Marjanović			
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 this course is to enable students to understand the process of developing the project budget, learn the basic terminology of project approach in terms of financial management, master the basic techniques of cost management, financial analysis methods and methods for analyzing market information. Students will learn the basic concepts, processes, controls and reports that are used in the financial monitoring of the project. With the theory of parallel and will be shown on the application of specific examples.			
Learning Outcomes: Student will be able to plan for the costs of the project, shaping the budget, control costs, and report on the financial elements of the project. Student will develop competencies to prepare the basis for securing funding for the project. Upon completion, students will be trained subjects for budget execution and financial audit of the project by EVA (Earned Value Analysis) method, and will be able to answer the question at what stage the project is located, and that his financial trends. examples.			
Syllabus. Basic concepts in project finance, budget, cost, sponsor, beneficiary. Budget planning, cost analysis, financial control and monitoring of the project. Basic concepts in relation to the cost of engineering and project management. Definition of project costs (resources, materials, and others) and the budget. Cycle and phase. Finance and Project Office. Portfolio and program management. Strategic selection of projects (feasibility studies, net present value, internal rate of return, financial ratios). The financial aspects of the contract and in defining the recruitment of sub-contractors and suppliers. Tender documents and application of the thresholds defining the methodology of the budget. Correlation between risk and cost. Assessment and cost management. The project evaluation methods and Earned Value Analysis (EVA). Financial control. Analytical techniques. Control points, reporting and audit software tools.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 2	Practical work: 0	
Teaching Methods: The method of teaching is based on the multimedia lectures and computer exercises. Lectures provide the framework for the problem and analyze the facts and theoretical approaches, and exercise classes are conducted in an interactive format.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

