

<b>Study Programme: Engineering Management</b>			
<b>Course Unit Title: Analysis and calculation of production costs</b>			
<b>Course Unit Code: IM1129</b>			
<b>Name of Lecturer(s): Andrea Ivanišević, Iva Šidanin</b>			
<b>Type and Level of Studies: bachelor</b>			
<b>Course Status (compulsory/elective): elective</b>			
<b>Semester (winter/ summer): summer</b>			
<b>Language of instruction: english</b>			
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>			
<b>Number of ECTS Allocated: 5</b>			
<b>Prerequisites: none</b>			
<b>Course Aims:</b> Mastering new trends and methods of management and cost analysis of the company, međarskih criteria decision making about costs and how to activate the reserve costs to increase profit business. This implies the appropriate classification and systematization of theoretical explanations of certain laws governing that particular business reality, as well as the choice of methodological solutions in the field of practical application of scientific knowledge.			
<b>Learning Outcomes:</b> Acquired knowledge related to the understanding of the subject matter, the possibility of new methods and techniques in the management and analysis of the costs, as well as the acquisition of knowledge related to successful managerial cost management in a dynamic business environment. After mastering the material that relates to concrete business reality (technology, technology and economy) of enterprises, students will be able to understand, from the engineering angle, the basic principles of analysis and calculation of costs, the rules that govern, the technical and economic factors that influence their dynamics, with the goal of successfully engaging in business practice.			
<b>Syllabus.</b> Cost-benefit analysis of the project-cost-benefit analysis for the purposes of information support management in making business decisions. New approaches in cost and management accounting. Stategijski approach to management costs. The actual, planned and standard costs. The process of planning costs. Standardization of direct and indirect costs of flexible-spending plan production. Business decisions based on marginal costs. The formation of market prices in different market conditions. Calculation of costs and prices. Cost estimate based on an analysis of return-breakpoint graph of profitability. Cost Control-preventive and corrective control costs. New concepts and practices of management cost management. The application of simulation methods in planning and cost control. Information support planning and cost control.			
<b>Required Reading:</b> Relevant literature in English, tbd			
<b>Weekly Contact Hours:2</b>	<b>Lectures: 3</b>	<b>Practical work: 2</b>	
<b>Teaching Methods:</b> Illustrations business practices through case studies in order to connect elaborated cost concepts, methods and techniques to real problems in the process management and cost analysis.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Attendance			
Computer exercises			
Tests (4x)			

