

Study Programme: Engineering Management			
Course Unit Title: Planning and analysis of the company's operations			
Course Unit Code: IM1047			
Name of Lecturer(s): Andrea Ivanišević, Mladen Radišić			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): summer			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 4			
Prerequisites: none			
Course Aims: The acquisition of knowledge and skills in business planning with relevant aspects of modern management. Design and analysis of business processes required to teach students with significant characteristics of all business processes in the company funakcija and knowledge of a large number of methods and techniques for planning and analysis. The realization of the business plan depends on numerous influences of internal and external origin. Their character and intensity are different, and accordingly, their influence on the business plan changes. It follows that in the system of "business planning" it is necessary to introduce criteria (standards) for correction of the system of operation according to the feedback mechanism, which act on the basis of measured quantities at the entrance or exit from the system.			
Learning Outcomes: Acquired knowledge related to the understanding of the subject matter, the possibility of applying scientific methods and techniques in the design and analysis of business and the ability of their application in practice. The outcome of the case should lead to the development of a general business planning model that will be consistent with the structure of: the business conditions, the methodology of finalizing the account and the correction mechanism during the planning period. Students will be introduced to the possibility of applying a feedback mechanism to a unified business system and business plan in accordance with the intensity of the changed business conditions and the criteria set by the plan.			
Syllabus. Business planning process. Present approach (philosophy) in planning. The role and objectives of planning. The principles of business planning. Business processes and process approach. Characteristics of business processes. Methods and techniques for the analysis of business processes. Analysis of the needs of stakeholders. Analysis of the system. Standards and standardization processes, decision-making methods. Analysis of price, cost, quality. Planning and business planning process needs, methods and techniques of business process planning, types of plans. Financial Planning. Deciding operational planning. Connection and control of the business plan. Model overview of planning and monitoring operations that are used in industrial systems. Structure-manufacturing enterprises and the planning system. Environmental analysis, internal and external influences on business operations. Prediction of operations in accordance with her ??environment. Analysis of new models of planning, monitoring and coordination of operations in accordance with changes in the environment.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 2	Practical work: 2	
Teaching Methods: Teaching the case includes multimedia lectures and exercises with examples of specific processes in the company and explaining the methods and techniques of planning and analysis. Lectures in part by experienced managers in the role of guest lecturers. In the exercises to encourage small group work, students are trained to apply the methods and techniques of planning and managing work processes. Part Nasteva will be made in any of the companies.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			

Tests (4x)			
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