

Study program / course: Mechanical Engineering			
Type and level of study: Bachelor academic studies			
Course: Manufacturing Organization			
Lecturers: Tadić P. Danijela, Erić D. Milan			
Status of course: Obligatory for module M ₆ , V semester			
Number of ECTS: 6			
Precondition: None			
The objective of course: The objective is mastering the basic knowledge from the operational management of production, with focus on industrial manufacturing in order to use that knowledge in solving the operational management staff problems.			
The outcome of course: After the passed final exam the student <i>should understand</i> principles of technological processes design, time and spatial dimensioning of the technological processes capacities, structure and importance of the manufacturing documentation and methods of organizing the work at the working spaces.			
Syllabus			
Theoretical study In the course "Manufacturing Organization" the following subjects are studied: Basic notions of the manufacturing management, Basic principles of design of the production and technological processes in the company where any type of industrial manufacturing is performed, Information systems of the manufacturing management (manufacturing documentation as an information carrier in the working processes of the operational management), Organization methods, Improvements and measurements of the realized production at the working processes, Dimensioning of the time and spatial capacity of technological processes.			
Practical classes Practical work, Individual work, Visits to companies			
Recommended reading 1. Mitrović, R., "Design of Technological Processes", Scientific Book, Belgrade, 1991. (In Serbian) 2. Milanović, D., D.Tadić and M.Misita, "Management Information Systems with Examples", Megatrend University of Applied Sciences, Belgrade, 2005. (In Serbian)			
The number of hours of active teaching:			Other classes:
Theory: 3	Practical classes: 1.6	Other forms of teaching: 0.4	Research study: 1
Methods of teaching 1. Work in small groups, 2. Individual teaching, 3. Ex Cathedra, 4. Workshop			
Evaluation of knowledge			
Pre-final exam	MVbligations	Points	Final exam
Activities during the classes:		10	Written test
Practical classes:			Oral exam
Colloquiums(s):		45	
Seminar(s):		15	
			25
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