

Study program: Mechanical Engineering				
Type and level of studies: BSC				
Course unit: Organization of manufacturing				
Teacher in charge: Danijela Tadic				
Language of instruction: English				
ECTS: 6				
Prerequisites: no				
Semester: <i>Summer semester</i>				
Course unit objective:				
The objective is mastering the basic knowledge from the operational management of production, with the focus on industrial manufacturing in order to use that knowledge in solving the operational management staff problems.				
Learning outcomes of Course unit				
After the passed final exam the student should understand 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.				
Course unit contents				
<i>Theoretical classes</i>				
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.				
<i>Practical classes</i>				
Calculating the exercise include the practical work of students to the solve problems in the field of organization of manufacturing systems.				
Literature				
[1] Chuck Williams, Management, Cengage Learning, 2010.				
[2] Mitrović, R., "Design of Technological Processes", Scientific Book, Belgrade, 1991. (In Serbian)				
Number of active teaching hours				Other classes 1
Lectures: 3	Practice: 2	Other forms of classes: mentoring system	Independent work: 0	
Teaching methods				
Teaching is comprised of lecturing by the use of modern teaching resources - video presentations and educational films and oral exercises. Evaluation of knowledge: tests and seminar.				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	-	oral examination	30	
practical classes/tests	30	written examination		
Seminar/homework	15		
Seminar presentation	25			
Grading system				
Grade	No. of points	Description		
10	91-100	Excellent		
9	81-90	Exceptionally good		
8	71-80	Very good		
7	61-70	Good		
6	51-60	Passing		
5	≤50	Failing		