



# UNIVERSITY OF NIŠ

**Course Unit Descriptor**

**Faculty**

Faculty of Mechanical Engineering

## GENERAL INFORMATION

Study Program	<b>Mechanical Engineering</b>		
Study Module (if applicable)	-		
Course Title	Process Planning		
Level of Study	<input checked="" type="checkbox"/> Bachelor	<input type="checkbox"/> Master's	<input type="checkbox"/> Doctoral
Type of Course	<input type="checkbox"/> Obligatory	<input checked="" type="checkbox"/> Elective	
Semester	<input type="checkbox"/> Autumn	<input checked="" type="checkbox"/> Spring	
Year of Study	III		
Number of ECTS Allocated	6		
Name of Lecturer/Lecturers	Miodrag T. Manić, Miloš Stojković		
Teaching Mode	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input type="checkbox"/> Individual tutorials
	<input checked="" type="checkbox"/> Laboratory work	<input checked="" type="checkbox"/> Project work	<input checked="" type="checkbox"/> Seminar
	<input type="checkbox"/> Distance learning	<input type="checkbox"/> Blended learning	<input type="checkbox"/> Other

## Purpose and Overview (max. 5 sentences)

The main objective of the course is the acquisition of knowledge and the organization, process planning, implementation and control of the execution of process plans (PP). Defining the schedule required equipment, specifications and analysis and identification of PP. Planning, benchmarking, monitoring and managing the implementation of PP .

## Syllabus (brief outline and summary of topics, max. 10 sentences)

1) Business, manufacturing and technological processes, 2) Analysis and process planning, 3) Development and design of products and services, 4) Modelling of technological processes, structure of technological processes, 5) Types of technological processes, 6) Planning and management of PP, scheduling PP, PP variants, 7) Planning and defining layout for PP realization of, logistics TP 8) Planning and management of human resources for PP, 9) Management of PP , documentation, monitoring and implementation of TP, 10) Information support to the realization of PP, technical information systems

## Language of Instruction

Serbian (complete course)       English (complete course)       Other \_\_\_\_\_ (complete course)

Serbian with English mentoring       Serbian with other mentoring \_\_\_\_\_

## Assessment Methods and Criteria

Pre exam Duties	Points	Final Exam	Points
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<b>Activity During Lectures</b>	<b>10</b>	<b>Written Examination</b>	<b>20</b>
<b>Practical Teaching</b>	<b>10</b>	<b>Oral Examination</b>	<b>20</b>
<b>Teaching Colloquia</b>	<b>40</b>	<b>Overall Sum</b>	<b>100</b>
<b>*Final examination mark is formed in accordance with the Institutional documents</b>			