



UNIVERSITY OF NIŠ

Course Unit Descriptor	Faculty	
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GENERAL INFORMATION

Study program	Engineering management
Study Module (if applicable)	
Course title	PRODUCTION PROCESS
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	Three
Number of ECTS allocated	6
Name of lecturer / lecturers	Saša Randelović
Teaching mode	<input checked="" type="checkbox"/> Lectures <input type="checkbox"/> Group tutorials <input type="checkbox"/> Individual tutorials <input type="checkbox"/> Laboratory work <input checked="" type="checkbox"/> Project work <input type="checkbox"/> Seminar <input type="checkbox"/> Distance learning <input type="checkbox"/> Blended learning <input type="checkbox"/> Other

PURPOSE AND OVERVIEW (max. 5 sentences)

Introducing students with the basic production processes which are technologically based society as a precondition for overall economic growth. Analyzing production processes themselves, the necessary resources and mutual technology integration acquire the basic knowledge required for their management and monitoring. This subject students gives to the basic knowledge of the representative processes are usually represented in the local economy. Hereby, they receive a good basis for the analysis, management and monitoring of any smaller or larger real production process when future engineering practice.

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

Theory: 1. Industrial and technological potential of a society. 2. The level of technological development and production perspective. 3. The existing, modern and future production processes. 4. The production process and the voice of the customer, market analysis. 5. Design sustainable production processes and their resources. 6. Selection of the key sub-processes, defining key parameters. 7. Production processes in the metal processing industry. 8. The manufacturing process of steel and aluminum. 9. Production processes of sheet metal. 10. Production processes of bulk forming when cold. Production processes of bulk forming in the hot state. 11. Production processes in the chemical industry, processing

of polyethylene. 12. Other manufacturing processes, inspection and analysis.

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
Activity during lectures	5	Written examination	20
Practical teaching	5	Oral examination	50
Teaching colloquia	20	OVERALL SUM	100

*Final examination mark is formed in accordance with the Institutional documents