



# UNIVERSITY OF NIŠ

**Course Unit Descriptor**

**Faculty**

Faculty of Mechanical Engineering

## GENERAL INFORMATION

Study Program	<b>Manufacturing &amp; Information Technologies</b>		
Study Module (if applicable)	-		
Course Title	Metal forming tools		
Level of Study	<input type="checkbox"/> Bachelor	<input checked="" 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	I		
Number of ECTS Allocated	6		
Name of Lecturer/Lecturers	Dragoljub B. Lazarevic		
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 type="checkbox"/> Seminar
	<input type="checkbox"/> Distance learning	<input type="checkbox"/> Blended learning	<input type="checkbox"/> Other

## Purpose and Overview (max. 5 sentences)

To gain the theoretical and practical knowledge referring to the functioning principles, selection and designing of metal forming tools.  
 To develop ability to design tools for metal forming and to prepare its technical documentation using software applications.

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

Basic definitions, designing and applications of metal forming tools: tools for stamping and punching, deep drawing tools, metal bending tools, extrusion tools, forging tools. Detailed functional and dimensional analysis and calculation of the dimensions of the selected parts produced by the tools considered during this course (using various software applications).

## 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	10	Written Examination	-
Practical Teaching	-	Oral Examination	20

Teaching Colloquia	70	Overall Sum	100
<b>*Final examination mark is formed in accordance with the Institutional documents</b>			