



# UNIVERSITY OF NIŠ

**Course Unit Descriptor**

**Faculty**

Faculty of Mechanical Engineering

## GENERAL INFORMATION

Study Program	Mechanical Constructions, Development and Engineering		
Study Module (if applicable)	-		
Course Title	Industrial Design		
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	Dragan S. Milčić, Miroslav M. Mijajlović		
Teaching Mode	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input checked="" 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)

The main objective of the course is to achieve the necessary skills and knowledge in the field of design and development of creative abilities of students. Mastering the methodologies and principles of design products from the standpoint of functionality and aesthetic requirements.

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

Design methodology. The essence, goals, concept. Theory, History and definition of industrial design. City of industrial design in the design process. Form and content. Forms, conditions and similarity in nature and their impact on the development of industrial design. Material and method development, environmental impact. Color, ornament and other visual elements. Function, aesthetic factor, ergonomics, anthropometry. Influence of preparation and technological properties an industrial design. The role and objectives of design in product development. Evaluation of performance design.

## 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	0
Practical Teaching	10	Oral Examination	30
Teaching Colloquia	50	Overall Sum	100

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