



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Mechanical Engineering		
Study Module (if applicable)	-		
Course Title	Information System Design		
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 checked="" type="checkbox"/> Autumn	<input type="checkbox"/> Spring	
Year of Study	IV		
Number of ECTS Allocated	6		
Name of Lecturer/Lecturers	Dragan Mišić		
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 goal of this course is to introduce students to the process of designing information systems, as well as to the tools used for that purpose. After successful completion of this course, students will be able to define requests for the information systems and to create a simple project on this topic. Students will learn the fundamental problems occurring during the implementation of information systems and the methods applied in order to overcome those problems.

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

1) Introduction to information systems. 2) Planning information systems. 3) Recording requests for the information system. 4) Analysis of an existing information system. 5) Information system design. 6) Implementation of the information system. 7) Administration and maintenance of an information system. 8) Re-engineering of an information system. 9) Security of an information system.

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	40

Practical Teaching	50	Oral Examination	
Teaching Colloquia		Overall Sum	100

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