



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

GENERAL INFORMATION

Study program

Mechatronics and Control

Study Module (if applicable)

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Course title

MM.1.4-1.2-2 Computer Input - Output Devices and Protocols

Level of study

Bachelor Master's Doctoral

Type of course

Obligatory Elective

Semester

Autumn Spring

Year of study

1

Number of ECTS allocated

6

Name of lecturer/lecturers

Aca D. Micic

Teaching mode

Lectures Group tutorials Individual tutorials
 Laboratory work Project work Seminar
 Distance learning Blended learning Other

PURPOSE AND OVERVIEW (max. 5 sentences)

Introduction to computer peripherals and .Students are able to write simple control programs for computer peripherals and to use the existing drivers in their applications

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

- Division, the role and the basic operating principles of computer peripherals.
- Monitors, CRT, plasma, lcd.
- Magnetic peripherals, disk, floppy disk, tape.
- Magnetic Peripherals zip disk.
- Flash and USB memory.
- Optical peripherals.
- Keyboards, mice, tablets.
- Introduction to the protocols, synchronous asynchronous, packet H25.
- Parallel and serial ports.
- printers, dot matrix, laser, ink, thermal.
- Plotter, structure of printer files, prn, eps, hppl.

- Escape Sequences, Api functions, switching functions Bios.

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	50
Teaching colloquia	10+10+10+10	OVERALL SUM	100

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