UNIVERSITY OF NIŠ

Course Unit Descriptor	Faculty	Faculty of Mechanical Engineering in Nis

GENERAL INFORMATION

Study Program	**Mechanical Engineering**
Study Module (if applicable)	-
Course Title	Basic of ICT
Level of Study	☒Bachelor ☐ Master's ☐ Doctoral
Type of Course	☐ Obligatory ☒ Elective
Semester	☒ Autumn ☐ Spring
Year of Study	I
Number of ECTS Allocated	6
Name of Lecturer/Lecturers	Miroslav D. Trajanovic
Teaching Mode	☒ Lectures ☐ Group tutorials ☐ Individual tutorials ☒ Laboratory work ☐ Project work ☐ Seminar ☐ Distance learning ☐ Blended learning ☐ Other

Purpose and Overview (max. 5 sentences)

The primary objective of this course is to provide students with basic knowledge in the field of information and communication technologies which they need in their daily operations. The secondary objective is to provide the knowledge and skills that they need to master study programs.

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

Computer Systems. Software, operating systems, utilities, application programs. Hardware, computers, external storage, input-output devices.
Computer networks, organizations, protocols, network equipment.
Internet and Internet services. Web, functioning and web technology.
Databases, data organization, concept and classification database, model database, systems for managing databases, relational databases.

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		Oral Examination	
Teaching Colloquia	50	Overall Sum	100
*Final examination mark is formed in accordance with the Institutional documents			