	UNIVERSITY OF NIŠ	

Course Unit Descriptor	Faculty	Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	**Manufacturing & Information Technologies**
Study Module (if applicable)	-
Course Title	Web technologies
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	Dragan Mišić
Teaching Mode	☒ Lectures ☐ Group tutorials ☐ Individual tutorials ☒ Laboratory work ☒ Project work ☒ Seminar ☐ Distance learning ☐ Blended learning ☐ Other

Purpose and Overview (max. 5 sentences)

The goal of this course is to introduce basic concepts underlying web technologies, as well as the role of these technologies in modern business applications. Students should be able to recognize and determine features of web applications, define requests, implement simple web applications, identify the need for this kind of projects and applications in the industry, define the technology behind the web application, define the required documentation for development of a web application.

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

1) Web technologies basics 2) HTTP protocol, XML and HTML. 3) Web application, web server 4) Multi-layered applications 5) J2EE environment 6) Client-side programming (JavaScript) 7) Storing and accessing data used by web applications 8) Web design basics 9) Web application security

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			