



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Engineering Management		
Study Module (if applicable)	International project management and entrepreneurship		
Course Title	Project management methods and techniques		
Level of Study	<input type="checkbox"/> Bachelor	<input checked="" type="checkbox"/> Master's	<input type="checkbox"/> Doctoral
Type of Course	<input checked="" type="checkbox"/> Obligatory	<input type="checkbox"/> Elective	
Semester	<input checked="" type="checkbox"/> Autumn	<input 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 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)

To familiarize students with the most important methods and techniques of project management. Training students modern methods and techniques used in project management. After completing the course, students will be able to apply the methods and techniques of project management.

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

Theoretical study. Planning methods. Methods of organization. Methods cost estimates. Resource optimization. Methods of management project risk. Analysis of project stakeholders. The logical framework of the project. Practical teaching Creation of problems tree. Creation of goals tree. Map key events. Priority method. Empirical, statistical, normative method of estimating costs. PBS, WBS, OBS, RACI. Earned value. Optimization project costs. Methods of risk assessment.

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	5	Written Examination	50

Practical Teaching	10	Oral Examination	Max. 35 (depending on Teaching Colloquia)
Teaching Colloquia	35	Overall Sum	100
*Final examination mark is formed in accordance with the Institutional documents			