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| **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 | ☐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 S. Milčić, Miroslav M. Mijajlović | | | | | | | |
| Teaching Mode | ☒ Lectures | | | ☐Group tutorials | | | | ☐ Individual tutorials |
| ☒ Laboratory work | | | ☒Project work | | | | ☒ Seminar |
| ☐ Distance learning | | | ☐ Blended learning | | | | ☐ Other |
| **Purpose and Overview (max. 5 sentences)** | | | | | | | | |
| *To familiarize students with the most important methods and techniques of project management. Training studentsmodern 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 managementproject 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. Optimizationproject 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** | | | | | | | | |