



UNIVERSITY OF NIŠ

Course Unit Descriptor**Faculty**

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Mechanical Engineering
Study Module (if applicable)	-
Course Title	Industrial Management
Level of Study	<input checked="" type="checkbox"/> Bachelor <input type="checkbox"/> Master's <input type="checkbox"/> Doctoral
Type of Course	<input type="checkbox"/> Obligatory <input checked="" type="checkbox"/> Elective
Semester	<input checked="" type="checkbox"/> Autumn <input type="checkbox"/> Spring
Year of Study	IV
Number of ECTS Allocated	6
Name of Lecturer/Lecturers	Peđa M. Milosavljević
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)

The purpose of this course is to acquire the necessary knowledge and skills for efficient organization, managing, controlling, monitoring and improvement of processes in the industry. Outcome of course is the ability of mechanical engineer to participate in the processes of management and a willingness to apply gained knowledge in engineering activities and theoretical work.

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

1) The evolution of production, organization and management. Supply Chain Management, 2) Business development and journey towards transformation, 3) Innovation of the business organization, 4) The transformation of the supply chain and performance improvement, 5) Quality management. Integrated Management Systems; ISO9001, ISO14001, OHSAS 18001, ISO 22000, 6) The value flow in the process, 7) Strategic management. Production planning and control, 8) Organizational behaviour, 9) Working motivation. Teamwork and Leadership, 10) Decision theory. Marketing and advertising. Business relations. Business models, 11) Management of changes, 12) Audit and control, 13) Basic business functions, 14) Maintenance of technical systems, 15) Quality tools. Quality tools in management.

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	0
Practical Teaching	10 + 10 = 20	Oral Examination	30
Teaching Colloquia	40	Overall Sum	100

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