



UNIVERSITY OF NIŠ

Course Unit Descriptor

Faculty

Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	Engineering Management		
Study Module (if applicable)	Management of innovation and product development		
Course Title	Innovation management		
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 type="checkbox"/> Autumn	<input checked="" type="checkbox"/> Spring	
Year of Study	I		
Number of ECTS Allocated	6		
Name of Lecturer/Lecturers	Miloš S. Milošević, Živojin M. Stamenković		
Teaching Mode	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Group tutorials	<input type="checkbox"/> Individual tutorials
	<input 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)

Introduce students with systematic planning, managing and control of innovation in organisation. The course is targeting the theoretical aspects of managing and control of innovation.

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

1) General introduction to Innovation management, Process of innovation. Definition. 2) Identification of innovation needs, search, evaluation and idea selection. Radical and evolution innovation. Phases in innovation management. 3) Methods of idea finding – Analogy, Association, Brainstorming. Identification of innovation needs. 4) Product and process development, Idea management 5) Principle of construction design, 6) Application in the product development process, House of quality, QFD 7) Introduction into production (ramp-up), Launching products, Open innovation.

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	0	Oral Examination	30
Teaching Colloquia	60	Overall Sum	100

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