

Study program: Industrial engineering – Mechanical engineering			
Course title: Production Management			
Professor/assistant: Đorđević Milan			
Type of course: Elective			
ECTS credits: 6			
Prerequisites: none			
Aims of the course: Students acquire knowledge and skills in the field of production management and master methods of planning, organizing, managing, controlling and decision making, in order to continually improve efficiency of individual production activities and overall business processes.			
Learning outcomes: Students are able to correctly use methods of production management in a complex dynamic environment and apply basic LEAN (WCM) tools in order to improve efficiency of individual production activities and overall business process.			
Syllabus: <i>Theoretical part:</i> Introductory analysis and terms; Basic characteristics, role and importance of production management; Business environment; Analysis of losses in the production process and tools for eliminating losses; Managing business plans (planning the production/services, capacities, workload and materials). Organization of workplace; Coordinated activities Logistic - Workplace; Autonomous maintenance; Register of risks and their control. <i>Practical part:</i> Auditory exercises – solving practical tasks in the area of production management and preparation of term papers; presenting results and suggesting measures for optimization.			
Literature: 1. Jovanović P., Dubonjić R., Pokrajac S., Industrijski menadžment, Beograd, 1998. 2. Soldat D., Subić Š., Đurić Z., Upravljanje poslovanjem, Beograd, 2008. 3. Molnar R., Osnovi preduzetništva, Zrenjanin, 2009 4. Mačuzić I., Đapan M., Lean koncept u upravljanju proizvodnjom, Fakultet inženjerskih nauka, Kragujevac, 2016 5. Materijali sa predavanja i vežbi.			
Total number of active classes: 75		Lectures: 45	Practical classes: 30
Teaching methods: Practical training: solving tasks from practical work; writing term papers, discussion about solving specific problems, consultations.			
Grading system (maximum 100 points) grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51- 60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91- 100 points.			
Pre-exam obligations:	Points:	Final exam:	Points:
Activity during lectures	min 5	Oral exam	50
Practical training	min 5		
Written test(s)	min 20		
Term papers	min 20		
Minimum requirement for the final exam	30		