

Study program: Information Technologies and Systems				
Course title: Management Information Systems				
Professor/assistant: MSc Slavica Šarenac				
Type of course: Elective				
ECTS credits: 7				
Prerequisites: none				
Aims of the course: Students get familiar with methods for supporting decision making in business, at middle and lower managerial levels. They are taught to provide information in a familiar pre-defined format, adhere to formal procedures, queries and searches, with a special emphasis on the existing data.				
Learning outcomes: After passing the exam, the student will be able to master the methods and procedures related to the collection, computer presentation and selection of data relevant for solving complex situations.				
Syllabus: <i>Theoretical part:</i> <ol style="list-style-type: none"> 1. The concept of information system (IS), information technology and information system, place and role of IS in the business system 2. Function of the information system (informing and documenting) 3. Information system components (hardware, software, dataware, lifeware, orgware, netware) 4. Types of information system, management information system, decision-making support systems, expert systems, transaction processing systems, managerial support systems 5. Development and characteristics of management information systems 6. Shapes, components (data management subsystem, model management subsystem, communication subsystem) of the decision-making support system 7. Models, components and characteristics of expert systems 8. Concept, functions and characteristics of the transaction processing system 9. Concept and types of managerial support systems <i>Practical part:</i> Auditory exercises and laboratory exercises				
Literature: <ol style="list-style-type: none"> 1. A. Veljović, Menadžment IS, Tehnički fakultet, Čačak, 2006. 2. Hanić H, Krsmanović S. 2001. Upravljački IS, Beograd: Ekonomski fakultet. 3. Naziv sajta: Obrazovanje na distanci, http://www.google.com/Education/Distance/ 4. Naziv sajta: Obrazovanje na distanci, http://dir.yahoo.com/Education/Distance_Learning/ 				
Total number of active classes: 6		Lectures: 3	Practical classes: 3	
Teaching methods: Lectures – interactive presentations, active participation of students; Exercises – preparation of term paper (presentation in PowerPoint) and oral defense of term papers.				
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		5	Oral exam	50
Practical training		5		
Written tests		30		
Term papers		10		