

Study program: Management of business and logistics, Business informatics and e-business			
Course name: Management information system			
Professor: Ivan Z. Mihailovic, PhD			
Subject status: elective course			
ECTS: 4			
Requirements: no requirements			
Aim of the course The aim of the course is familiarize students with theoretical knowledge and develop practical skills in the field of management information system with the aim of successful information management which enables making relevant business decisions.			
Course outcomes After successfully completing the course, students will be able to: understand the role of management information system in the process of generating information for making business decisions, participate in the development of the conceptual design of management information system, accurately formulate information requirements, understand the systems for decision support and properly use their outputs, correctly use the outputs of expert systems, monitor the needs for relevant information.			
Content of the course <i>Theoretical lectures</i> Management functions and decision making. Company information system. Accounting information system. Planning and organizing MIS. Interaction of information systems and organization. Implementation and control of MIS. Decision making support systems and MIS. Expert systems. Expert systems and MIS. Credit analysis and its information base. <i>Practical course work</i> The process of decision-making. Basic information subsystems. Accounting and management. Un-programmed and programmed decisions, System approach and MIS goals, Analysis and structure design, Conceptual system design, Causes for the success or failure of a system, Implementation management, Decision support system development process, Framework for the development of decision support systems, Artificial intelligence, Expert systems and decision support systems, risk analysis, decision support systems, expert systems and credit analysis.			
Literature <ul style="list-style-type: none"> • Вујовић, С. <i>Информациони системи у пословању и менаџменту</i>, Славко Вујовић - Слободан П Универзитет, Београд 2005 • Плојовић, Ш., <i>Менаџмент информациони систем</i>, Интернационални универзитет, 2009 • Михаиловић, И., <i>Рачуноводствене информације као подлога менаџменту за доношење пословних одлука</i>, монографија, Економика, Ниш, 1999. • Вељовић, А., <i>Менаџмент информациони систем</i>, Компјутер библиотека, Чачак, 2002 			
Total number of active teaching classes	Lectures: 15	Practical course work: 30	
Teaching methods Lectures; practical course work, presentations of good examples of professional practice, case studies			
Evaluation (maximum points 100)			
Pre-exam activities	Points	Final exam	Points
Active participation in lecture classes	5	Written exam	/
Active participation in practical course work	5	Oral exam	45
Colloquium 1	30	
Colloquium 2	/		
Term paper(s)	15		