

Study programmes: Bachelor studies - Informatics				
Course name: R258 - Multimedia systems development				
Lecturers: Gordana Pavlović-Lažetić and other lecturers of the Department of Informatics and Computer Science				
Status: Optional				
ECTS: 6				
Attendance prerequisites: No prerequisites				
Course aims: Introducing technologies for modern multimedia systems development .				
Course outcome: Students are acquainted with basic technologies for modern multimedia systems development.				
Course content: Description of media and equipment for multimedia support. Media editors and applications. Multimedia presentation - basic concept. Structure and basic elements of a multimedia presentation. Indexing and searching files with image, music and video-spot recordings. Presentation display with synchronization of multi-modal components. Comparison of multimedia and "classic" presentations – critical review. Implementation of specific multimedia presentations using commercial software. Audio-video conferencing.				
Literature: 1. Rahman S. M.: Design and Management of Multimedia Information Systems, Idea Group Inc (IGI), 2001. 2. T. Vaughan, Multimedia: Making it Work, McGraw-Hill Professional, 2003. 3. Holzinger A.: Multimedia Basics-technology v. 1, Firewall Media, 2005. (a lecturer may recommend other literature sources if deemed appropriate)				
Number of hours: 5	Lectures: 2	Tutorials: 3	Laboratory: -	Research: -
Teaching and learning methods: Frontal / Lectures / Exercises				
Assessment (maximal 100 points)				
Course assignments	points	Final exam		points
Lectures	-	Written exam		-
Exercises / Tutorials	-	Oral exam		-
Colloquia	40	Written-oral exam		60
Essay / Project	-			