

Study program: Informatics			
Course title: Web programming 1			
Professor/assistant: Mihailović D. Đorđe			
Type of course: Elective			
ECTS credits: 6			
Prerequisites: none			
Aims of the course: An introduction to the basics and history of the Web and different types of Websites. An introduction to the basics of HTML and CSS. Enabling students to understand the structure of the Web page, Website and navigation on the Website. Getting acquainted with the tools for creating and using Websites and enabling students to create a website.			
Learning outcomes: The student can recognize the requirements for a particular Website, set its layout and Website map. The student can independently build a Website using HTML and CSS languages.			
Syllabus: <i>Theoretical part:</i> The history of Web. Static and dynamic pages. Introduction to HTML, tags, syntax, structure. Absolute and relative addresses. Graphic formats on Web and their application and basics of color spaces. An introduction to cascading styles (CSS). Setting the basic page layout. Types of Websites. Website development process, choice of technology, users and target groups, Website map, information structure. Navigation and defining the elements of navigation. Unconventional Web design. <i>Practical part:</i> An introduction to the tools needed for creating a Web presentation. An introduction to Adobe Dreamweaver. An introduction to interface. Projects. Working in the encoding mode. Practical application of all relevant HTML tags (text formatting, lists, tables, forms). Designing cascading styles and their application. Work in visual designer of Dreamweaver. Using the advanced options of the package.			
Literature: <ol style="list-style-type: none"> 1. Jamsa Kris, King Konrad, Anderson Endi, HTML i web dizajn kroz praktične primere, Mikro Knjiga, Beograd, 2002 2. Molly Holzschlag, Skok u HTML i CSS, Kompjuter biblioteka, 2006 3. Ben Frain, HTML5 i CSS3 Prilagodljiv web dizajn, Kompjuter biblioteka, 2014 			
Total number of active classes: 75		Lectures: 30	Practical classes: 45
Teaching methods: Practical computer exercises			
Grading system (maximum 100 points) grading scale from 5 to 10: below 51 points – student fails the exam, 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 theoretical lectures	max 5	Written exam	50
Practical training	max 5		
Written test(s)	max 25		
Term papers	max 15		
Minimum requirement for the final exam	30		