

1.	Course Title	Fundamentals of web design		
2.	Code	F18L1S146		
3.	Study program	Software engineering and information systems		
4.	Study Program Organizer	Faculty of Computer Science and Engineering		
5.	Degree (first, second, third cycle)	first cycle		
6.	Academic year / semester 1 / summer / mandatory	7. ECTS credits 6		
8.	Teacher	associate professor Slobodan Kalajdzhiski, associate professor Ivan Chorbev, associate professor Goce Armenski, assistant professor Ivan Kitanovski		
9.	Course enrollment prerequisites			
10.	<p>Course program goals (competencies): Upon completion of the course, students are expected to gain introductory knowledge for developing web pages with contemporary design, by using the HTML and cascading styles. The students are expected to: 1. Demonstrate a basic understanding of the importance of good website design. 2. Demonstrate practical knowledge about web design technologies and apply knowledge in basic designing of web sites. 3. To communicate by the usage of terminology specific to this area. 4. Critically evaluate examples of web sites.</p>			
11.	<p>Course program content: Introduction to WWW, history of WWW, introduction to web browsers. Structuring the web pages with HTML 5 tags, properties, tag history, and systems. Compatibility between previous versions of HTML and XHTML. Cascading styles - CSS3, properties, length units, selectors, pseudo-elements, the box model, positioning, margins, layout organization - methods Introduction to design, methodologies, structure and architecture of the site, navigation, functionality, writing for web, typography, color, concepts of design, gold cross-section, contrast. Fundamentals of Usability, Basics of Accessibility.</p>			
12.	<p>Learning methods: Lectures using presentations, interactive lectures, exercises (using equipment and software packages), teamwork, case studies, invited guest lecturers, independent preparation and defense of a project assignment and seminar work.</p>			
13.	Total available time	6 ECTS x 30 hours = 180 hours		
14.	Distribution of the available time	30 + 45 + 15 + 15 + 75 = 180 hours		
15.	Teaching activity forms	15.1.	Lectures – theoretical teaching	30 hours

		15.2.	Exercises (laboratory, auditory), seminar papers, teamwork	45 hours
16.	Other activity forms	16.1.	Project Tasks	15 hours
		16.2.	Independent Learning Tasks	15 hours
		16.3.	Home learning	75 hours
17.	Assessment methodology			
	17.1.	Tests		10 points
	17.2.	Seminar paper/project (presentation: written and oral)		10 points
	17.3.	Activity and learning		10 points
	17.4.	Final exam		70 points
18.	Assessment criteria (points/grade)	up to 50 points		5 (five) (F)
		51 to 60 points		6 (six) (E)
		61 to 70 points		7 (seven) (D)
		71 to 80 points		8 (eight) (C)
		81 to 90 points		9 (nine) (B)
		91 to 100 points		10 (ten) (A)
19.	Course completion and final exam requirements	Realized activities 15.1 and 15.2		
20.	Teaching Language	Macedonian and English		
21.	Teaching quality evaluation method	Internal evaluation mechanisms and questionnaires		
22.	Course Material			
	22.1.	Mandatory course material		

No	Author	Title	Publisher	Year
1	Jon Duckett	HTML and CSS: Design and Build Websites	Wiley	2011
2	Jennifer Niederst Robbins	Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics Web Design	O'Reilly Media	2012
3	Louis Rosenfeld, Peter Morville, and Jorge Arango	Information Architecture	O'Reilly	2015
4	Steve Krug	Don't Make Me Think, A Common Sense Approach to Web Usability	New Riders	2014
5	Laura Lemay, Rafe Coburn, Jennifer Kyrnin	HTML, CSS & JavaScript Web Publishing	Sams	2015
22.2.	Additional course material			
No.	Author	Title	Publisher	Year