

1.	Course title	Introduction to Web design		
2.	Course code	CSES210		
3.	Study program	Computer Science and Engineering, Computer Networks Technologies, Applied E-Technologies, Education of Informatics, Professional Informatics Studies		
4.	Unit offering the course	FCSE		
5.	Undergraduate/postgraduate/PhD	Undergraduate		
6.	Year/semester	7. ECTS: 6		
8.	Teacher(s)	prof. dr. Dragan Mihajlov, assist. prof. dr. Ivan Chorbev, assist. prof. dr. Goce Armenski		
9.	Course prerequisites	None		
10.	<p>Goals (competences): Upon completion of the course candidates are expected to receive introductory knowledge on developing web pages with contemporary design, using HTML and cascading styles.</p> <p>We expect candidates to</p> <ol style="list-style-type: none"> 1. Demonstrate a basic understanding of the importance of good web page design. 2. Demonstrate practical knowledge about web design technologies and be able to apply basic knowledge in designing websites. 3. To communicate with the terminology specific to the field. 4. Critically evaluate examples of web sites. 			
11.	<p>Course content: Introduction to WWW, History of WWW. Basics of browsers.</p> <p>Structure of web pages with HTML 5 tags, attributes, history of tags and systems. Compatibility with previous versions of HTML and XHTML.</p> <p>Cascading styles - CSS3, properties, units of length, selectors and pseudo elements, Box model, positioning, margins, page layout organization - methods</p> <p>Introduction to design, methodologies,</p> <p>Structure and architecture of the site, navigation, functionality, web copywriting, typography, colour, design concepts, golden section, contrast.</p> <p>Fundamentals of Usability, Accessibility Basics.</p>			
12.	<p>Teaching methods: Lectures supported by presentations with slides, interactive lectures, exercises (use of equipment and software packages), real life examples, invited guest lecturers, preparation and defence of a project work and seminar thesis, learning in an e-environment (forums, consultations).</p>			
13.	Total available time	6 ECTS x 30 hours = 180 hours		
14.	Distribution of the available time	30 + 45 + 30 + 75 = 180 hours		
15.	Teaching activities	15.1.	Lectures	30 hours
		15.2.	Training (labs, problem solving), seminar and team work	45 hours
16.	Other activities	16.1.	Project work	35 hours
		16.2.	Self study	35 hours

		16.3.	Home work	35 hours		
17.	Grading					
	17.1.	Tests		70 points		
	17.2.	Seminar work/project (written or oral presentation)		20 points		
	17.3.	Active participation		10 points		
18.	Grading criteria		to 50 points	5 (five) (F)		
			from 51 to 60 points	6 (six) (E)		
			from 61 to 70 points	7 (seven) (D)		
			from 71 to 80 points	8 (eight) (C)		
			from 81 to 90 points	9 (nine) (B)		
		from 91 to 100 points	10 (ten) (A)			
19.	Final exam prerequisites		Completed activities 15.1 and 15.2			
20.	Course language		Macedonian and English			
21.	Quality assurance methods		Internal evaluation and satisfaction polls			
22.	Literature					
	Compulsory					
		No.	Authors	Title	Publisher	Year
	22.1.	1.	Jon Duckett	HTML and CSS: Design and Build Websites	Wiley; 1 edition	2011
		2.	Jennifer Niederst Robbins	Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics Web Design, 2nd Edition	O'Reilly Media; Fourth Edition edition	(August 21, 2012)
		3.	Elisabeth Robson	Head First HTML and CSS	O'Reilly Media; Second Edition edition	(September 5, 2012)
	Additional					
		No.	Authors	Title	Publisher	Year
	22.2.	1.	Deitel, Deitel	How to program, Java, 8th edition	Prentice Hall	2010
		2.				
3.						