1.	Course Title	Advanced Web Design		
2.	Code	F18L3W136		
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 3 / winter / mandatory	7. ECTS credits 6		
8.	Teacher	associate professor Ivan Chorbev, associate professor Goce Armenski, assistant professor Vangel Ajanovski		
9.	Course enrollment prerequisites	Основи на веб дизајн		
10.	Course program goals (competencies): The goal of the study program is for the students to be acquainted with the advanced technologies in the area of Web Design and modern dynamic web applications. After completion of the course, the students will have an overview of the newest technologies in the area of web design and will be capable of using them in the development of practical projects.			
11.	Course program content: Introduction. Aesthetics, Responsive CSS. CSS Frameworks, Bootstrap. Graphics for the Web. Canvas. SVG. Search Engine Optimisation. HTML5 Offline. CSS Preprocessors. Internet Marketing. Content management Systems. SMIL.			
12.	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.			
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	Benjamin LaGrone	Web Design Blueprints	Packt Publisging	2016
2	Joel Sklar	PRINCIPLES OF WEB DESIGN	Cengage Learning	2015
3	Van Nguyen	Using HTML5 Canvas	Amazon Digital Services	2017
4	Inayaili de León	Moving to Responsive Web Design: Bring existing static sites into today's multi-device world with responsive web design	APress	2016

	22.2.	Additional course material

No.	Author	Title	Publisher	Year