



MEĐIMURSKO VELEUČILIŠTE U ČAKOVCU

MEĐIMURJE UNIVERSITY OF APPLIED SCIENCES IN ČAKOVEC

COURSE SYLLABUS

ACADEMIC YEAR: 2025/2026

1. GENERAL COURSE INFORMATION

1.1 Course name	Web Design			
1.2 Study program/s	Undergraduate Professional Study Programme Computer Engineering			
1.3 Course status (O,E)	E	1.6 Mode of instruction (number of hours)	Lectures	15
1.4 Course code			Exercises	45
1.5 Course abbreviation			Seminars	
1.6 Semester	IV		E-learning	Merlin
1.7 ECTS	4	1.7 Place and time of instruction	The premises of the Međimurje University of Applied Sciences in Čakovec, according to the schedule published on the website	

2. TEACHING STAFF

2.1 Course leader/s-title	PhD, Sanja Obradović, prof.	contact	sanja.obradovic@mev.hr
		contact	
2.2 Assistant/s- title		contact	
		contact	
2.3 Instruction held by- title	PhD, Sanja Obradović, prof.	contact	sanja.obradovic@mev.hr
2.4 Course leader/s-title		contact	

3. COURSE DESCRIPTION

3.1. Course goals	After completing the course, the student will be able to apply client web technologies and create a simple website. Knowledge in the field of web technologies is acquired and the student is trained to perform web creation tasks independently.
3.2 Prerequisites	None
3.3 Course outcomes	After successfully completing the course, students will be able to: O1 - Create semantic web pages using different HTML tags and HTML5 design guidelines O2 - Design a web page using CSS selectors, properties and values, positioning techniques and editing HTML elements O3 - Apply responsive design to the website O4 - Create interactive tasks and web pages using JavaScript O5 - Create web pages independently using client web technologies
3.4 Contribution of the course to the study program	SO7 Develop program code in multiple programming languages using modern methods and tools SO13 Develop applications using the object-oriented paradigm in solving programming tasks SO16 Develop web and mobile projects, applying advanced technologies, and connecting with databases using modern methods and tools SO17 Choose the appropriate programming language and technology in solving programming tasks

3.5 Course content	The course presents content related to the creation of web pages using client web technologies. The contents are processed from the aspect of programming and application of scripting and programming technologies. The teaching units present content related to HTML, CSS and JavaScript. Special emphasis is placed on HTML5 elements, CSS3 and ES6 JavaScript.																																																									
3.6 Types of coursework	x	Lectures	X	Exercises	x	Blended e-learning	X	Individual activities	Laboratory																																																	
		Seminars and workshops	x	Distant learning		Field classes	x	Multimedia and network	Mentorship																																																	
		Other																																																								
3.7 Language of instruction	Croatian																																																									
3.8 Monitoring students' work (enter the number of ECTS credits for each activity so that the total number of ECTS credits is equal to the total ECTS value of the course, 1 ECTS = 30 hours)	2	Class attendance		Seminars		Research																																																				
	0,5	Midterm exams/written exam		Project		Essay																																																				
		Oral exam	0,5	Practical task																																																						
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<p><i>Grading of outcomes (in order to pass the mid-term exam/exam the student must achieve at least 50% points for each learning outcome)</i></p> <p><i>Points Grade</i></p> <p><i>89 – 100 excellent (5)</i></p> <p><i>76 – 88 very good (4)</i></p> <p><i>63 – 75 good (3)</i></p> <p><i>50 – 62 pass (2)</i></p> <p><i>0 – 49 fail (1)</i></p>																																																										
3.9 Specific features related to taking the course	If a student collects 50% of the points of each outcome, he / she directly takes the exam, if he / she has submitted a practical task. A student cannot take the exam if he / she has not submitted a practical task. The practical task is made according to the instructions published on the Merlin e-learning system and is submitted by placing it on the Merlin. The practical task is submitted at least 3 days before the exam. During the exam, it is possible to verbally check the knowledge in the preparation of practical task.																																																									

	<p>If a student does not achieve enough points on the midterm exam, he / she cannot take the next midterm exam.</p> <p>Once achieved points in intermediate exams for each learning outcome are no longer deleted unless the student decides to correct the result for each learning outcome, whereby the points won until then are deleted and newly achieved points for that learning outcome are entered.</p>	
3.10 Students obligations	<ul style="list-style-type: none"> • a full-time student has the right to sit for the exam if he attends classes for a minimum of 70% of the total prescribed number of hours • a full-time student who attends classes from 50 to 70% of the total prescribed number of hours can exercise the right to take the exam by completing additional teaching activities in agreement with the course teacher • a full-time student who attends a certain course for less than 50% of the prescribed number of hours enrolls in the course the following academic year • a part-time student has the right to sit for the exam if he/she attends classes for a minimum of 30% of the total prescribed number of hours • a part-time student who attends classes for 20 to 30% of the total prescribed number of hours can exercise the right to sit for the exam by completing additional teaching activities in agreement with the course teacher • a part-time student who attends the classes of a certain course for less than 20% of the prescribed number of hours re-enrolls in the course the following academic year 	
3.11 Written assignments		
3.12 Required reading	1.	Jennifer Robbins, Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics 5th Edition, O'Reilly, 2018.
3.13 Additional reading		
4. ADDITIONAL INFORMATION ABOUT THE COURSE		
4.1 Quality control	The quality of the program, teaching process, teaching skills and level of mastery of the material will be established by conducting a written evaluation based on questionnaires, and in other standardised ways and in accordance with the by-laws of the Međimurje University of Applied Sciences in Čakovec.	
4.2 Contact the teacher	Students can contact the teacher during the office hours and during classes. All other methods of communication are arranged with the teacher. It is also possible to ask questions by e-mail, which will be answered in 48 hours at the latest. It is desirable for students to come as often as possible for any possible questions during the teacher's office hours.	
4.3 Information about the course	It is the obligation of each student to be regularly informed about the course. All notifications about the classes or possible postponement of classes will be posted on the bulletin board and on the website of the University at least 24 hours in advance.	
5. ELABORATION OF THEMATIC UNITS		
Week	Topic	Course outcome
1.	Introduction to course content, HTML basics, client and server web technologies	O1
2.	Using HTML5 elements when creating a web page	O1
3.	Introduction to CSS	O2

4.	CSS model box, block and inline elements, units of measure and colour	02
5.	Elements positioning	02
6.	Responsive web pages	03
7.	Using Bootstrap while creating a responsive design	03
8.	Midterm exam 1	
9.	Introduction to JavaScript, linking to HTML, basic syntax	04
10.	Basic syntax of arrays and objects in JavaScript	04
11.	Types of events in JavaScript, event propagation through DOM	04
12.	Objects in JavaScript	04
13.	Prototype inheritance in JS	04
14.	ES6 object syntax	04
15.	Midterm exam 2	