POLYTECHNIC OF MEĐIMURJE IN ČAKOVEC

COURSE SYLLABUS

ACADEMIC YEAR:	2022/2023

1. GENERAL COURSE INFORMATION				
1.1 Course name	**Web content creation**			
1.2 Study program/s	Undergraduate professional study programme in Computer Science			
1.3 Course status (O,E)	elective	**1.6 Mode of instruction (number of hours)**	**Lectures**	15
1.4 Course code			**Exercises**	45
1.5 Course abbreviation	IWS		**Seminars**	
1.6 Semester	IV		**E-learning**	
1.7 ECTS	4	**1.7 Place and time of instruction**	Premises of the Polytechnic of Međimurje in Čakovec, according to the schedule published on the website of the Polytechnic	

2. TEACHING STAFF			
2.1 Course leader/s-title	PhD, Sanja Brekalo, High School Professor	**contact**	sbrekalo@mev.hr
		contact	
2.2 Assistant/s- title		**contact**	
		contact	
2.3 Instruction held by- title	PhD, Sanja Brekalo, High School Professor	**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 a web creation tasks independently.
3.2 Prerequisites	To complete the course and pass the exam, it is necessary to pass the course Programming
3.3 Course outcomes	After successfully completing the course, students will be able to: I1 - Create semantic web pages using different HTML tags and HTML5 design guidelines I2 - Design a web page using CSS selectors, properties and values, positioning techniques and editing HTML elements I3 - Apply responsive design to the website I4 - Create interactive tasks and web pages using JavaScript I5 - Create web pages independently using client web technologies
3.4 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.

3.5 Types of coursework										
	x	Lectures	x	Exercises		Blended e-learning	x	Individual activities		Laboratory
		Seminars and workshops	x	Distant learning		Field classes	x	Multimedia and network		Mentorship

		Other	

3.6 Language of instruction

Croatian/English

3.7 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		Essay
	Class activity		Project		Report/paper
1	Midterm exams	1	Practical task		Continuous knowledge check
	Written exam		Experimental work		
	Oral exam		Research		

3.8 Assessment and evaluation of students' work during classes and at the final exam

Activity specification	Percent %	Points
Assessment during instruction		
Attendance	5%	5
Class activity	5%	5
Seminar/ project/ essay	30%	30
Midterm exam 1	30%	30
Midterm exam 2	30%	30
Exam assessment for the students who failed to fulfil all the obligatory requirements during the semester		
Written exam	*60%*	*60*
Total:	**100%**	**100**

3.9 Assessment criteria – analysis per learning outcomes

Ways of evaluating learning outcomes						
	Attendance	**Activity**	**Mid-term exam 1**	**Mid-term exam 2**	**Practical work**	**Total**
Outcome 1			10			10
Outcome 2			10		5	15
Outcome 3			10		5	15
Outcome 4				20	10	30
Outcome 5				10	10	20
Outcome not-related						10
Total						

Grading of outcomes (in order to pass the mid-term exam/exam the student must achieve at least 50% points for each learning outcome)

Points	Grade
89 – 100	excellent (5)
76 – 88	very good (4)
63 – 75	good (3)
50 – 62	pass (2)
0 – 49	fail (1)

3.10 Specific features related with taking the course

If a student collects 50% of the points of each outcome, he / she directly take the exam, provided that he / she have submitted a practical task. A student cannot take the exam if he / she have not submitted a practical task. The practical task is made according to the instructions published on the Merlin 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.

If a student does not achieve a sufficient number of points on the midterm exam, he / she cannot take the next midterm exam.

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.	
3.11 Students obligations	Full-time students are required to attend at least 70% of the total number of hours of lectures and exercises in order to exercise the right to take the exam. Part-time students are required to attend at least 30% of the total number of hours of lectures and exercises in order to exercise the right to take the exam. If the student has not fulfilled all the obligations set by the course, he is obliged to attend the lectures again and meet the conditions for taking the exam. Attendance can be offset by online tuition, organised webinars and added assignments given by teachers. One lesson lasts 45 minutes, and several hours form a teaching unit. Absence from one teaching unit is counted as one absence. Delays and apologies are recorded separately. In that case, if the student missed more than 50% of classes, and has a justifiable reason/apology, the request should be submitted to the Department Council, which then decides on the justification of student absences with the obligatory opinion of the course leader.	
3.12 Written assignments		
3.13 Required reading	1.	Jennifer Robbins, Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics 5th Edition, O'Reilly, 2018.
	2.	
3.14 Additional reading	1.	
	2.	
4 ADDITIONAL COURSE INFORMATION		
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 Polytechnic of Međimurje in Čakovec.	
4.2 Contact the teacher	Students can contact the teacher during the office hours and during classes, while for short questions and explanations they can contact him/her any day during working hours by coming in person or by landline. 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 Polytechnic at least 24 hours in advance.	

4.4 Course contribution to the study program	IS7 Develop programming code in several programming languages using modern methods and tools IS13 Develop applications using an object-oriented paradigm in solving programming tasks IS17 Select the appropriate programming language and technology when solving programming tasks IS16 Develop web and mobile projects, applying advanced technologies and connecting to databases using modern methods and tools