NAME OF THE COURSE	Internet Services Practicum					
Code	PMIC71	Year of study	UGU-1			
Course teacher	dr. sc. Lada Maleš prof.dr. sc. Marko Rosić	Credits (ECTS)	2,0			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
					30	
Status of the course	Mandatory	Percentage of application of e-learning				

COURSE DESCRIPTION		
Course objectives	The course objectives are to gain theoretical knowledge about Internet and practical skills about Internet services. Use cloud computing applications and services. Creating, styling and publishing web pages.	
Course enrolment requirements and entry competences required for the course		
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	1. Enumerate different types of the computer network classifications and explain the differences 2. Differentiate services and protocols on the Internet according to their purpose 3. Enumerate and explain types of the Internet addresses 4. Explain the difference between client/server and peer-to-peer networks 5. Enumerate and explain differences between types of Internet access technologies 6. Enumerate security risks on the Internet and explain the difference 7. Creating HTML files (web pages) and styling web pages with CSS 8. Publish web pages on a server 9. Using cloud computing applications	
Course content broken down in detail by weekly class schedule (syllabus)	Computer networks (data transmission, network classifications) 1hr Internet (history and development) 1hr Internet services (client/server, P2P, services, protocols) 1hr TCP/IP model (basics), addresses on the Internet 1hr Types of Internet access technologies 2hr Internet security (type of risks and protection methods) 2hr HTML – basic HTML page structure 1hr HTML – formatting elements, lists 2hr HTML – publishing web pages on a server, multimedia elements 3hr HTML – links, colors 3hr HTML – tables 2hr Cloud computing 3hr CSS – styling text and backgrounds 2hr CSS – styling lists and links 2hr CSS – creating a box model 2hr CSS - creating a navigation bar 2hr	
Format of instruction	☐ lectures ☐ seminars and workshops ☐ exercises ☐ on line in entirety ☐ partial e-learning ☐ field work	☐ independent assignments ☐ multimedia ☒ laboratory ☐ work with mentor ☐ homework assignments

Student responsibilities	

Screening student work *(name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)*

Name	Ects	Name	Ects	Name	Ects
Class attendance	0,5	Research		Experimental work	
Oral exam		Report		Homework assignments	
Seminar essay		Essay			
Tests		Practical training	1,5		
Written exam		Project			

Grading and evaluating student work in class and at the final exam	Preliminary exams (two practical work on computer 75% + one theoretical 25%) Passes preliminary exams substitute the complete exam.

Required literature (available in the library and via other media)

Title	Number of copies in the library	Availability via other media
Elisabeth Robson, Eric Freeman, Head First HTML and CSS, 2nd Edition, O'Reilly Media, 2012	0	
Ben Henicks, HTML & CSS: The Good Parts, O'Reilly, 2010	0	
Mark Pilgrim, HTML5 spreman za upotrebu, autorizirani prijevod eng. izdanja knjige HTML5 Up and Running, O'Reilly, 2010	0	

Optional literature (at the time of submission of study programme proposal)	Communication with students, students' evaluation through anonymous surveys, students' achievements on exams, self-evaluation.
Quality assurance methods that ensure the acquisition of exit competences	
Other (as the proposer wishes to add)	