

Subject card

Subject name and code	Introduction to Web technology, PG_00143982						
Field of study	Informatics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		3.0		
Learning profile	practical		Assessment form				
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Aleksandra Tejszerska-Rzeźnik				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		0.0		45.0	75
Subject objectives	The course aims to acquaint students with basic technologies and tools related to web programming, which are subsequently applicable in many other fields.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[INFL3_K02] can precisely formulate questions to deepen his/her own understanding of a given topic or to find missing elements of reasoning		The student is able to utilize the skill of precisely formulating questions in practical tasks, such as projects, case studies, or group discussions.		[SK1] oral statement/conversation/discussion		
	[INFL3_U03] is able to work in a team of IT specialists, including being able to manage his/her time, make commitments and meet deadlines, communicate using various techniques in the professional environment, including the use of dedicated tools		The student is able to plan and organize their tasks in a way that efficiently manages time and resources.		[SU4] test/exam - oral or written		
	[INFL3_W07] has knowledge of designing, developing, testing, implementing and maintaining web applications and their security		Student is able to use simple tools for designing web pages, such as HTML and CSS editors.		[SW4] test/exam - oral or written		
	[INFL3_U02] is able to obtain information from literature, knowledge bases, the Internet and other reliable sources, integrate them, interpret them and draw conclusions and formulate opinions		The student is able to evaluate the reliability and credibility of the acquired information, considering its source and context.		[SU4] test/exam - oral or written		

Subject contents	• HTML5 • Cascading Style Sheets (CSS) • CSS - Box Model • SCSS (vs CSS) • Positioning • CSS Grid • Flexbox • Media Queries		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Midterm exam	51.0%	100.0%
Recommended reading	Basic literature	No required literature	
	Supplementary literature	• David Sawyer McFarland, CSS. Nieoficjalny podręcznik. Wydanie IV, Helion, 2016. • Alex Libby, Learning Less.js, PACKT Publishing, 2014. • Jon Duckett, HTML i CSS. Zaprojektuj i zbuduj witrynę WWW. Podręcznik Front-End Developera, Helion, 2014. • Oficjalna dokumentacja MDN Web Docs • Oficjalna dokumentacja SCSS	
	eResources addresses		
	Example issues/ example questions/ tasks being completed	no applicable	
Work placement	Not applicable		

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