

Subject card

Subject name and code	Introduction to Web technology, PG_00143500						
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 Subject group related to scientific research 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	academic		Assessment form				
Conducting unit	Institute of Informatics -> Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Wiesław Pawłowski				
	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 is designed to familiarize students with elementary technologies and tools related to web development, which are then applied in many other fields.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[INFL3_W08] has knowledge of network technologies, including basic communication protocols, security and construction of network applications		knows how to use basic web development tools - HTML and (S)CSS has basic knowledge of HTTP protocol and its usage		[SW4] test/exam - oral or written		
	[INFL3_U02] can precisely formulate questions to deepen one's understanding of a given topic or find missing elements of reasoning		knows how to analyze the requirements of simple web development tasks and implement them can effectively communicate in an IT environment, including with the use of dedicated tools		[SU4] test/exam - oral or written		
Subject contents	- HTML language - Cascading style sheets CSS and SASS/SCSS languages - Basic tools to support the web content creation process						
Prerequisites and co-requisites	none						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	programming colloquium		51.0%		100.0%		

Recommended reading	Basic literature	- Lecture materials (slides and example code). - Chuck Musciano, Bill Kennedy, HTML & XHTML: The Definitive Guide, 6th Edition, O'Reilly, 2006. - Jeremy Keith, HTML5 for Web Designers, A Book Apart, 2010. - David Sawyer McFarland, CSS: The Missing Manual 4th Edition, O'Reilly Media, 2015. - Eric A. Meyer, CSS: The Definitive Guide, 3rd Edition, O'Reilly Media, 2006.
	Supplementary literature	none
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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