

Subject card

Subject name and code	Introduction to Web Technology, PG_00198450						
Field of study	Informatics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	part-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		credit		
Conducting unit	Institute of Informatics -> Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Robert Fidytek				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	10.0	0.0	0.0	20
	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	20		0.0		55.0	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		
	[INFOL3_W08] knows and understands advanced concepts in the field of network technologies, including communication protocols, security and construction of network applications		Has basic knowledge of HTTP protocol and its usage		[SW4] test/exam - oral or written		
	[INFOL3_U06] is able to select and apply appropriate IT methods and tools to solve complex problems, is able to use acquired knowledge by appropriately selecting sources and information derived from them, and perform evaluation, critical analysis, and synthesis of this information		Knows how to use basic Web development tools - HTML, (S)CSS, and JavaScript		[SU4] test/exam - oral or written		
Subject contents	- HTML language - Cascading style sheets – CSS and SASS/SCSS languages - JavaScript and elements of the DOM API - 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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