

**Subject card**

<b>Subject name and code</b>	Introduction to Web Technology, PG_00197991						
<b>Field of study</b>	Informatics						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	1	<b>ECTS credits</b>			3.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Institute of Informatics -> Faculty of Mathematics, Physics and Informatics -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Wiesław Pawłowski				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	0.0	30.0	0.0	0.0	45
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	45		0.0		30.0	75
<b>Subject objectives</b>	The course is designed to familiarize students with elementary technologies and tools related to web development, which are then applied in many other fields.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>		<b>Method of verification</b>		
	[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						
[INFOL3_W08] knows and understands advanced concepts in the field of network technologies, including 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			
<b>Subject contents</b>	<ul style="list-style-type: none"> <li>• HTML language</li> <li>• Cascading style sheets CSS and SASS/SCSS languages</li> <li>• Basic tools to support the web content creation process</li> </ul>						
<b>Prerequisites and co-requisites</b>	none						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		programming colloquium	51.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>• Lecture materials (slides and example code).</li> <li>• Chuck Musciano, Bill Kennedy, HTML &amp; XHTML: The Definitive Guide, 6th Edition, O'Reilly, 2006.</li> <li>• Jeremy Keith, HTML5 for Web Designers, A Book Apart, 2010.</li> <li>• David Sawyer McFarland, CSS: The Missing Manual 4th Edition, O'Reilly Media, 2015.</li> <li>• Eric A. Meyer, CSS: The Definitive Guide, 3rd Edition, O'Reilly Media, 2006.</li> </ul>	
	Supplementary literature	none	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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