



Subject card

Subject name and code	Diploma thesis 1, PG_00045314						
Field of study	Data Engineering, Data Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
Education level	first-cycle studies	Subject group				Optional subject group 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	3	Language of instruction				English	
Semester of study	6	ECTS credits				4.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Software Engineering -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Teresa Zawadzka					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	15.0	0.0	15
	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	15	10.0		75.0	100	
Subject objectives	Preparing the student to write an engineering diploma thesis in terms of content (searching for literature,formulating the problem, collecting data, selecting solution methods, interpreting results) and formal aspects(preparing the text of the thesis in accordance with applicable rules).						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W04] demonstrates creative and entrepreneurial activity in formulating and implementing innovative ideas	The student is able to complete a given task in an original way, based on known tools.			[SW1] Assessment of factual knowledge		
	[K6_U06] acquires new knowledge, planning its own development in aiming at achieving defined goals	The student knows how and where to find knowledge about existing solutions within a similar scope to the project being implemented.			[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
	[K6_K03] demonstrates the ability to think critically and analytically and integrates knowledge from many disciplines in order to make effective decisions	The student acquires knowledge appropriate to the implementation of the assigned task, using tools from various areas of engineering.			[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	<p>Course content – project</p> <ol style="list-style-type: none"> 1. Familiarization with the requirements for the product to be created as part of the engineering project 2. Analysis of existing solutions and tools 3. Development of a project implementation schedule 4. Assignment of tasks among team members 								
Prerequisites and co-requisites									
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 651 786 678">Subject passing criteria</th> <th data-bbox="799 651 1139 678">Passing threshold</th> <th data-bbox="1152 651 1469 678">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 685 786 734">Implementation of tasks for this stage of project</td> <td data-bbox="799 685 1139 734">50.0%</td> <td data-bbox="1152 685 1469 734">100.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	Implementation of tasks for this stage of project	50.0%	100.0%		
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Recommended reading	Basic literature	Regulations of awarding diploma at WETI PG (https://eti.pg.edu.pl/studenci/dziekanat)							
	Supplementary literature	none							
	eResources addresses								
Example issues/ example questions/ tasks being completed	Presenting the project supervisor with the results of the implementation of the assigned tasks								
Practical activities within the subject	Not applicable								

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