

## 。 GDAŃSK UNIVERSITY OF TECHNOLOGY

## Subject card

Subject name and code	Diploma thesis 1, PG_00045314								
Field of study	Data Engineering								
Date of commencement of studies	October 2025		Academic year of realisation of subject			2027/2028			
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 -> Wydziały Politechniki Gdańskiej								
Name and surname	Subject supervisor	supervisor prof. dr hab. inż. Krzysztof Goczył							
of lecturer (lecturers)	Teachers			1	1			-	
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	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 classes includ	n didactic ed in study	dactic 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_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			
	[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.			[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools			
	[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			

Subject contents							
	<ol> <li>Familiarization with the requirements for the product to be created as part of the engineering project</li> <li>Analysis of existing solutions and tools</li> <li>Development of a project implementation schedule</li> <li>Assignment of tasks among team members</li> </ol>						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade				
	Implementation of tasks for this stage of project	50.0%	100.0%				
Recommended reading	Basic literature	Regulations of awarding diploma at studenci/dziekanat)	Ilations of awarding diploma at WETI PG (https://eti.pg.edu.pl/ enci/dziekanat)				
	Supplementary literature	none					
	eResources addresses	Adresy na platformie eNauczanie:					
Example issues/ example questions/ tasks being completed	Presenting the project supervisor wi	th the results of the implementation c	f the assigned tasks				
Work placement	Not applicable						

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