



## Subject card

Subject name and code	Diploma thesis 1, PG_00045314						
Field of study	Data Engineering						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2026/2027		
Education level	first-cycle 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	3		Language of instruction		English none		
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						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Krzysztof Goczyla				
	Teachers						
Lesson types and methods of instruction	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	<div>1. Familiarization with the requirements for the product to be created as part of the engineering project</div> <div>2. Analysis of existing solutions and tools</div> <div>3. Development of a project implementation schedule</div> <div>4. Assignment of tasks among team members</div>		
Prerequisites and co-requisites			
Assessment methods and criteria	<div>Subject passing criteria</div> <div>Implementation of tasks for this stage of project</div>	<div>Passing threshold</div> <div>50.0%</div>	<div>Percentage of the final grade</div> <div>100.0%</div>
Recommended reading	Basic literature	Regulations of awarding diploma at WETI PG ( <a href="https://eti.pg.edu.pl/studenci/dziekanat">https://eti.pg.edu.pl/studenci/dziekanat</a> )	
	Supplementary literature	none	
	eResources addresses	Podstawowe <a href="https://eNauczanie.pg.edu.pl">https://eNauczanie.pg.edu.pl</a> - Appropriate course for engineering diploma seminar on eNauczanie Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Presenting the project supervisor with the results of the implementation of the assigned tasks		
Work placement	Not applicable		

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