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 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 Goczyła
	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	
	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	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 WETI PG (https://eti.pg.edu.pl/studenci/dziekanat)
	Supplementary literature	none
	eResources addresses	Podstawowe https://eNauczanie.pg.edu.pl - 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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