



Subject card

Subject name and code	Diploma seminar, PG_00045368						
Field of study	Data Engineering, Data Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2029/2030		
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	4	Language of instruction			English		
Semester of study	7	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Algorithms and Systems Modelling -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Paweł Żyliński					
	Teachers	dr hab. Paweł Żyliński dr inż. Krzysztof Manuszewski					
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	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	30		0.0		20.0	50
Subject objectives	Supporting the process of preparing the engineering diploma thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_W06] classifies the acquired information, assessing its usefulness in solving the formulated problems	<p>P_W01 The student knows and understands methods of acquiring, selecting, and classifying information from various sources as well as criteria for assessing their credibility and usefulness in analyzing research or practical problems (relation to: K6_W06).</p> <p>P_W02 The student knows the basic principles of preparing and presenting results of analyses and interpreting data in the context of solving professional or research problems (supporting relation to K6_U02).</p>	[SW2] Assessment of knowledge contained in presentation
	[K6_U02] prepares and presents convincingly professional presentations of the results of undertaken activities, with their advanced interpretation	<p>P_U01 The student searches for, analyzes, and selects information from various sources, assessing their importance for solving a specific problem (relation to K6_W06).</p> <p>P_U02 The student prepares and presents a professional presentation of analysis or project results using appropriate visualization tools and providing in-depth interpretation (relation to K6_U02).</p> <p>P_U03 The student formulates conclusions and recommendations based on conducted analyses and is able to justify the adopted solutions (supporting relation to K6_U02).</p>	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task
	[K6_K01] demonstrates awareness of legal, ethical and cultural diversity issues, making socially responsible decisions	<p>P_K01 The student is aware of the importance of legal and ethical aspects in academic and professional work and considers them when making decisions (relation to K6_K01).</p> <p>P_K02 The student demonstrates responsibility for the reliability of presented information and respects the principles of cultural diversity in teamwork and communication (supportin relation to K6_K01).</p>	[SK5] Assessment of ability to solve problems that arise in practice
Subject contents	<p>Course content – project</p> <ul style="list-style-type: none"> • Description of the current state of knowledge related to the topic of the diploma thesis and definition of the problem to be solved. • Justification of the solution to the problem defined in the diploma thesis. • Proposal of a solution to the problem. • Proposed structure of the diploma thesis, including bibliography. 		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation (style and form).	75.0%	100.0%
Recommended reading	Basic literature	Regulation of the Rector of Gdańsk University of Technology No. 45/2024 of 15 November 2024 on the introduction of guidelines for authors of diploma theses and diploma projects prepared at Gdańsk University of Technology in Polish or English	
	Supplementary literature	Outline of the diploma thesis.	
	eResources addresses		

Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none">• Description of the current state of knowledge related to the diploma thesis topic and definition of the problem to be solved.• Justification of the solution to the problem defined in the diploma thesis.• Proposed solution to the problem.• Proposed structure of the diploma thesis including bibliography.
Practical activities within the subject	Not applicable

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