



Subject card

Subject name and code	Engineering diploma project, PG_00058666									
Field of study	Technical Physics									
Date of commencement of studies	October 2023	Academic year of realisation of subject		2025/2026						
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		Polish					
Semester of study	6		ECTS credits		1.0					
Learning profile	general academic profile		Assessment form		assessment					
Conducting unit	Division of Complex Systems Spectroscopy -> Institute of Physics and Applied Computer Science -> Faculty of Applied Physics and Mathematics -> Faculties of Gdańsk University of Technology									
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marcin Dampc							
	Teachers		dr inż. Marcin Dampc							
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		SUM				
	Number of study hours	15	2.0		8.0	25				
Subject objectives	Preparation of part of the diploma thesis.									
Learning outcomes	Course outcome		Subject outcome		Method of verification					
	[K6_U02] Can analyze and solve simple scientific and technical problems, based on possessed knowledge, using analytical, numerical, simulation and experimental methods.		Knows various scientific methods (analytical, numerical, simulation, and experimental) and is able to apply them to solve scientific and technical problems depending on the subject of the engineering work.		[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools					
	[K6_U06] Can make an initial economic analysis of undertaken engineering activities.		Is able to estimate the costs of project individual elements and present a clear, accurate summary		[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information					
	[K6_K04] Can cooperate and work in a group, performing different functions.		Is able to work in a group to achieve set goals. Communicates precisely and using professional concepts and terms		[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness					
Subject contents	Course content – project Depending on a subject of a thesis.									
Prerequisites and co-requisites										
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade					
	Preparation of part of the diploma thesis.		100.0%		100.0%					
Recommended reading	Basic literature		Depends on a subject of a diploma thesis.							
	Supplementary literature		None.							
	eResources addresses									
Example issues/example questions/tasks being completed	Depending on a subject of a diploma thesis.									

Practical activites within  
the subject

Not applicable

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