GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Engineering diploma project, PG_00058666		
Field of study	Technical Physics		
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	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	Self-study	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] analyzes and solves 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 thesis	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
[K6_K04] 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
[K6_U06] makes 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

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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