GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	MSc Diploma Thesis, PG_00031961		
Field of study	Technical Physics		
Date of commencement of studies	February 2024	Academic year of realisation of subject	2024/2025
Education level	second-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	2	Language of instruction	Polish
Semester of study	3	ECTS credits	20.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Katedra Fizyki Atomowej, Molekularnej i Optycznej -> Faculty of Applied Physics and Mathematics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Marcin Dampc	
	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	0.0	0.0	0

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	0	30.0	470.0	500

Subject objectives

Preparation of a diploma thesis.Organization of the master's thesis writing process. Introducing the graduate to complex problems of innovative technologies and creative approaches to solutions

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K05] Can communicate and present results of own work and transfer information in a commonly understandable manner.	Can communicate and present the effects of her/his work,	[SK4] Assessment of communication skills, including language correctness
[K7_U11] Independently plans own professional and research career.	Students independently plan their own professional or scientific careers.	[SU2] Assessment of ability to analyse information
[K7_U08] Has enhanced ability to write, including research publications, in Polish and English.	Has the ability to write various articles, including research.	[SU1] Assessment of task fulfilment
[K7_W09] Has extended knowledge of English terminology within the field of physics, mathematics and IT.	Has an extended knowledge of English terminology in the field of physics, mathematics and computer science.	[SW1] Assessment of factual knowledge

Subject contents

Solving advanced and complex specific or general problems from a selected sector of innovative technologies or theoretical problems of physics, depending on the topic of the diploma thesis.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Preparation of a diploma thesis.	100.0%	100.0%

Recommended reading

Basic literature	Depends on a subject of a diploma thesis.
Supplementary literature	None.
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

Determination of ionization energy and ion appearance thresholds by electron impact

Work placement

Not applicable

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