GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma/Final Project, PG_00031972		
Field of study	Technical Physics		
Date of commencement of studies	February 2023	Academic year of realisation of subject	2023/2024
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	4.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Atomic, Molecular and Optical Physics -> Faculty of Applied Physics and Mathematics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Paweł Możejko	
	Teachers	dr hab. Paweł Możejko	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	60.0	0.0	60

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	60	8.0	32.0	100

Subject objectives

Preparation of a diploma thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K04] Can systematically work on long-term projects.	Can systematically work on long-term projects.	[SK2] Assessment of progress of work
[K7_U10] Can determine interests related to the field of study and develop them.	Can determine his interests related to the field of study and develop them.	[SU1] Assessment of task fulfilment
[K7_U05] Can plan and conduct theoretical calculations, experimental research and computer simulations, critically analyze their results, draw conclusions and form reasoned opinions.	Is able to plan and carry out theoretical calculations, experimental studies and computer simulations, critically analyze their results, draw conclusions and formulate motivated opinions.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
[K7_U04] Can formulate and test hypotheses related to research problems.	She/he is able to formulate and test hypotheses related to research problems.	[SU3] Assessment of ability to use knowledge gained from the subject
[K7_U01] Can learn independently, obtain and integrate information from literature, databases and other properly selected sources (in Polish and English). Can critically analyze and select information. Can use patent information resources.	Can learn independently, obtain and integrate information from literature, databases and other properly selected sources (in Polish and English). Has the ability to critically analyze and select information. Can use patent information resources.	[SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
[K7_W01] Has extended and systematized knowledge of the basics of physics.	Has extensive and structured knowledge in the field of basic physics areas such as classical mechanics and classical electrodynamics.	[SW3] Assessment of knowledge contained in written work and projects

Subject contents

Depending on a subject of a thesis.

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Preparation of a diploma thesis.</td><td>100.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Depends on a subject of a diploma thesis.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">None.</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Depending on a subject of a diploma thesis.</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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