GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Thesis, PG_00037264		
Field of study	Technical Physics		
Date of commencement of studies	October 2024	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	4	Language of instruction	Polish
Semester of study	7	ECTS credits	16.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	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		

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	10.0	360.0	400

Subject objectives

Research and scientific works being the basis of engineering diploma. Preparation of an engineering diploma.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K05] presents own work results, transfers information in a commonly understandable manner, communicate and self-evaluate, as well as constructively evaluate the effects of other persons' work	The student can present the outcomes of their work clearly and intelligibly, communicate effectively with audiences of varying backgrounds, engage in critical self-assessment, and provide objective and constructive evaluation of the work produced by others	[SK4] Assessment of communication skills, including language correctness
[K6_U01] learns independently, obtains information from literature, databases and other properly selected sources	The student can independently manage their learning process and effectively acquire and critically evaluate information from scholarly literature, databases, and other relevant and reliable academic sources.	[SU1] Assessment of task fulfilment
[K6_U02] analyzes and solves simple scientific and technical problems, based on possessed knowledge, using analytical, numerical, simulation and experimental methods	The student demonstrates the ability to independently analyze and solve standard scientific and technical problems by applying appropriate analytical, numerical, simulation, and experimental methods, grounded in acquired theoretical and practical knowledge.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
[K6_U10] determines their own study field interests and develops them	The student can identify areas of interest related to their field of study and actively develop their knowledge and skills in the chosen domain	[SU3] Assessment of ability to use knowledge gained from the subject

Subject contents

Course content – project
This subject is a graduate work under the supervision of the supervisor on an engineering project.

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<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>Assessment of the diploma thesis</td><td>65.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Basic literature is provided in the description of the individual proposed topics of engineering works.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">It will be given individually by the thesis supervisor.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
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