GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Seminar, PG_00037525		
Field of study	Technical Physics		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2026/2027
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	3.0
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	prof. dr hab. Anna Perelomova	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	30.0	30

E-learning hours included: 0.0

eNauczanie source address: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46325

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	35.0	75

Subject objectives

Preparing for writing and defense of the diploma thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U01] Can learn independently, obtain information from literature, databases and other properly selected sources.	A student communicates with the supervisor and selects appropriate sources	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
[K6_U10] Can determine their own study field interests and develop them.	The student chooses a dissertation topic and strives to complete the work	[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools
[K6_K05] Can present own work results, transfer information in a commonly understandable manner, communicate and self-evaluate, as well as constructively evaluate the effects of other persons' work.	A student prepares and delivers a presentation on the progress of their thesis. They ask and answer questions of their peers.	[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness

Subject contents

Course content – seminar
A seminar, individually prepared, on the procedure for completing an engineering thesis from defining the tasks, theoretical analysis, literature research, to presentation at the final exam. A presentation on developing research results, editing the thesis, and presenting a full audiovisual presentation will be provided.
Sample tasks:
Discuss the following topics:
1. Methods for estimating the computational complexity of algorithms
2. Laws of thermodynamics
Discuss the progress of the thesis.

<table>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Presentation</td><td>50.0%</td><td>100.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>None</td></tr>
<tr><td>Supplementary literature</td><td>None</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Seminar about the way to prepare engineering project - from the specification, theoretical analysis to the presentation. Presentation of methods used in processing research results, forms and styles used in thesis edition and preparing a complete audio-visual presentation.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="2">Not applicable</td></tr>
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