GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Seminar of applied physics I, PG_00037287		
Field of study	Technical Physics		
Date of commencement of studies	October 2021	Academic year of realisation of subject	2022/2023
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	2	Language of instruction	Polish
Semester of study	4	ECTS credits	1.0
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 inż. Sebastian Bielski	
	Teachers	dr inż. Sebastian Bielski	

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	15.0	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

Teaching students how to prepare and give a presentation on a given or chosen topic and how to discuss.

Learning outcomes

Course outcome	Subject outcome	Method of verification
K6_U07	Student can present information in an understandable way.	[SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
K6_U08	Student can collect and present scientific information in a comprehensible way both in Polish and in English, and take part in the discussion.	[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
K6_K05	Student is able to present information in an understandable way and take part in the discussion.	[SK4] Assessment of communication skills, including language correctness
K6_U01	Student is able to acquire and use information from various resources.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject

Subject contents

Preparation of a scientific presentation on a given topic and its presentation.
Discussion and commenting on the presentation.

Prerequisites and co-requisites

Basic knowledge of various branches of physics.

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Oral presentation, abstract, attendance.</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>Dependent on the theme of the presentation.</td></tr>
<tr><td>Supplementary literature</td><td>None</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:
Seminarium Fizyki Stosowanej I 2022/23 - Moodle ID: 26847
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=26847</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Atom models;
Antimatter;
clusters;
Cold fusion;
biomolecules</td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
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