



Subject card

Subject name and code	Seminar of applied physics II, PG_00037286											
Field of study	Technical Physics											
Date of commencement of studies	October 2024	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	3	Language of instruction		Polish								
Semester of study	5	ECTS credits		1.0								
Learning profile	general academic profile	Assessment form		assessment								
Conducting unit	Division of Atomic Molecular and Optical Physics -> 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	15.0	15					
	E-learning hours included: 0.0											
eNauczanie source address: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46326												
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	The ability to prepare and present issues in the field of physics.											
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		A student prepares presentations on general or specialized physics.		[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work							
	[K6_U01] learns independently, obtains information from literature, databases and other properly selected sources		A student shows interest in finding sources for presenting interesting physical issues.		[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools							
	[K6_U07] presents facts within the scope of physics and other scientific disciplines in a clear manner		A student uses mathematical tools to describe physical phenomena and interprets these phenomena correctly.		[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task							
	[K6_U08] can prepare written works and speeches in Polish and English, concerning detailed issues of physics and related fields, and scientific disciplines		A student monitors the presentation time and answers to questions.		[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools							
Subject contents	Course content – seminar The content of the seminars, specifically the presentation topics, is based on student suggestions. Examples include: "Using Physics in Diving" and "Important Advances in Physics in the Last 20 Years." There will be reserved time for discussion and questions.											
Prerequisites and co-requisites												
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade							
	Prezentation		50.0%		100.0%							
Recommended reading	Basic literature		It depends on the subject of the students' presentation									

	Supplementary literature	It depends on the subject of the students' presentation
	eResources addresses	
Example issues/ example questions/ tasks being completed	To think about, to suggest and, with the consent of the presenter, present the applications of physics in science, technology or everyday life.	
Practical activites within the subject	Not applicable	

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