



Subject card

Subject name and code	Seminar of applied physics II, PG_00037286						
Field of study	Technical Physics						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
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						
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_U01] demonstrates the ability for lifelong independent learning, including acquiring information from literature, databases and other appropriate sources.	A student shows interest in finding sources for presenting interesting physics issues.			[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
	[K6_U08] communicates effectively using specialist terminology in physics and related disciplines, enabling the preparation of reports, publications or presentations, as well as participation in discussion and expression of opinions.	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		
	[K6_K01] demonstrates readiness for continuous learning and updating knowledge in physics and related fields, critically evaluating it and recognising its importance in solving practical and theoretical problems.	A student is able to solve complex and unusual problems in the field of physics and related sciences, is ready to critically evaluate knowledge and recognize its importance			[SK3] Assessment of ability to organize work [SK2] Assessment of progress of work		
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		
	Presentation	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 activities within the subject	Not applicable

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