



## Subject card

Subject name and code	Profesional practice, PG_00037261						
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		
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			6.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Physics of Electronic Phenomena -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Tomasz Wąsowicz					
	Teachers						
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	0.0	0
	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	0	0.0		160.0		160
Subject objectives	The aim of the classes is to learn the student how to apply knowledge and skills achieved during the studies to solve practical problems						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W10] Has knowledge of ethics in science and technology, industrial property protection and copyright protection. Can use patent information resources.	The student is able to monitor and eliminate the undesirable effects of the development of technology and science and direct its research to the desired goals while respecting the existing standards.			[SW1] Assessment of factual knowledge		
	[K6_K01] Understands the need to learn and improve professional and personal competencies. Can inspire and organize other people's learning process	The student learns gradually and applies knowledge to solve the newest problems			[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_K04] Can cooperate and work in a group, performing different functions.	Student can effectively work with different teams given by institution superiors.			[SK1] Assessment of group work skills		
	[K6_U10] Can determine their own study field interests and develop them.	The student learns gradually			[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools		
	[K6_W12] Knows basic health and safety rules.	The student applies knowledge and skills achieved during the studies to fulfil tasks given by institution superiors.			[SW1] Assessment of factual knowledge		
[K6_U06] Can make an initial economic analysis of undertaken engineering activities.	The student has an ability to plan the expences			[SU2] Assessment of ability to analyse information			
Subject contents	Division Applied Physics: Participation in duties of employees of the institution in at least one task from the following: 1. Familiarising with methodology of running theoretical and experimental research. 2. Numerical modeling of physical phenomena 3. Running theoretical research 4. Design, assembly, commissioning, testing and diagnostics of experimental apparatus. 5. Running experimental research. 6. Processing and analysis of experimental data and numerical outputs 7. Various forms of data presentation. 8. Modeling and analysis of industrial and technological processes. 9. Design, assembly, commissioning, testing and diagnostics of industrial apparatus. 10. Processing and analysis of industrial results and forms of their presentation. 11. Education in Physics and outreach.						
Prerequisites and co-requisites	Knowledge and skills achieved during the studies.						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	overcoming of the professional experience	100.0%	100.0%
Recommended reading	Basic literature	No recommendations	
	Supplementary literature	No recommendations	
	eResources addresses	Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed	no comment		
Work placement	Not applicable		