GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Profesional practice, PG_00037261		
Field of study	Technical Physics		
Date of commencement of studies	October 2020	Academic year of realisation of subject	2023/2024
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 inż. Daniel Pelczarski	
	Teachers	dr inż. Bartosz Reichel dr inż. Daniel Pelczarski	

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 applie knowledge and skills achieved during the studies to solve practical problems

Learning outcomes

Course outcome	Subject outcome	Method of verification
K6_W12	The student applies knowledge and skills achieved during the studies to fulfil tasks given by institution superiors.	[SW1] Assessment of factual knowledge
K6_W10	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_K04	Student can effectively work with different teams given by institution superiors.	[SK1] Assessment of group work skills
K6_K01	The student learns gradually and applies knowledge to solve the newest problems	[SK5] Assessment of ability to solve problems that arise in practice
K6_U06	The student has an ability to plan the expences	[SU2] Assessment of ability to analyse information
K6_W09	The student applies knowledge of economics and knows the conditions and laws of the process of management in the work of an engineer.	[SW1] Assessment of factual knowledge
K6_U10	The student learns gradually	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information

<table>
<tr><td>Subject contents</td><td>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, commisioning, 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, commisioning, testing and diagnostics of industrial apparatus. 10. Processing and analysis of industrial results and forms of their presentation. 11. Education in Physics and outreach.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Knowledge and skills achieved during the studies.</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>overcoming of the professional experience</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>No recommendations</td></tr>
<tr><td>Supplementary literature</td><td>No recommendations</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>no comment</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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