



Subject card

Subject name and code	Professional Practice, PG_00038162						
Field of study	Automation, Robotics and Control Systems						
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		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			6.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Electric Drives and Energy Conversion -> Faculty of Electrical and Control Engineering -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Daniel Wachowiak				
	Teachers						
Lesson types	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 professional practices make possible extension captured knowledge about practical skills used in industrial conditions. The practices permit students to check captured theoretical knowledge in practical situations. The practices make possible to get to know the future employers of requirement and to adapt the competence and knowledge of student to technical problems of institution. The practices help in choice of further individual interests and the future directions of deepening of theoretical knowledge.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U06] has the preparation necessary to work in an industrial environment, applies the principles of occupational health and safety	The student, alone, but under the supervision of those responsible at the workplace, solves tasks that are an integral part of the practice. He or she is familiar with the applicable legal regulations in the scope of design standards and OHS.			[SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_W07] has basic knowledge related to control and automation systems	The student selects the devices, is able to make numerical calculations and carry out measurements on objects.			[SW1] Assessment of factual knowledge		
	[K6_U81] is able to communicate appropriately in foreign language at B2 level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and professional environments	The student is able to find his/her own place of professional practice, arranges the necessary administrative formalities resulting from the study programme regulations, understands the consequences of not applying legal requirements.			[SU4] Assessment of ability to use methods and tools		
Subject contents							
Prerequisites and co-requisites	Basic knowledge of electrical engineering and electronics						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	The signed report		60.0%		100.0%		
Recommended reading	Basic literature		Industrial sectors of the monthly Drives and Controls www.nis.com.pl				
	Supplementary literature		None				
	eResources addresses						

Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none">1. Describe the basic structure and organization of work at the factory.2. Explain the structure of electrical power and control systems in a production plant.3. Rules for safe performance of work in the plant under the supervision of authorized persons.4. Describe the procedures for performing work on the repair and commissioning of electrical power devices.5. Explain the principles of carrying out technical documentation and instructions for electrical power devices.
Practical activities within the subject	Not applicable

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