



Subject card

Subject name and code	Work placement, PG_00055969						
Field of study	Power Engineering, Power Engineering, Power Engineering						
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 Power Electronics and Electrical Machines -> Faculty of Electrical and Control Engineering -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Jarosław Łuszcz				
	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		4.0		146.0	150
Subject objectives	Diploma internships provide the opportunity to expand acquired knowledge with practical skills for applying it in industrial settings and allow students to test their theoretical knowledge in practical situations. They enable them to learn the operating principles of various companies, the specifics of work in various positions, the requirements of future employers, and adapt their knowledge and skills to the technical challenges of a given company. Internships develop skills essential for future careers, including analytical, organizational, and teamwork skills. Internships are designed to help students choose further individual interests and shape future directions for deepening their theoretical knowledge.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U04] is able to design a simple device structure and prepare the accompanying technical documentation, conduct a basic technical and economic analysis of energy systems, including technologies using renewable and pro-ecological energy sources as well as conventional and nuclear energy, design energy installations for them and their basic elements (including electric lighting)); select, operate and control the most commonly used electrical devices and drive systems.	designs simple energy system components containing renewable energy sources and prepares preliminary design specifications for system components	[SU3] Assessment of ability to use knowledge gained from the subject
	[K6_U14] can use properly selected methods and devices for hydraulics and hydrology, enabling determination of basic parameters characterizing the flow of medium in channels, pipelines and flow objects and can design installations, networks in the field of sanitary engineering	uses appropriately selected methods and devices enabling the measurement of basic quantities characterizing energy elements and systems	[SU4] Assessment of ability to use methods and tools
	[K6_U05] is able to formulate and carry out energy balances in devices and energy systems, also perform an energy audit of a simple building object, is able to perform a preliminary profitability analysis of a planned energy investment	conducts thermodynamic, energy and technical-economic analyses of energy devices and systems	[SU4] Assessment of ability to use methods and tools
	[K6_U12] can correctly choose tools (analytical or numerical) to solve engineering problems filtration processes, and data analysis; is able to use photogrammetric and remote sensing tools in engineering tasks in the field of geodetic techniques and metrology	selects methods, techniques and tools used to solve complex engineering tasks in the field of energy	[SU4] Assessment of ability to use methods and tools
	[K6_K01] is aware of the need for training and self-improvement in the profession of energy and the possibility of further education; can think and act in a creative and entrepreneurial manner; can define priorities for the implementation of an individual or group task	determines the need for continuous training and improvement of professional, personal and social competences	[SK5] Assessment of ability to solve problems that arise in practice
Subject contents			
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Internship report	100.0%	100.0%
Recommended reading	Basic literature	https://eia.pg.edu.pl/studenci/studia/praktyki-i-staze-zawodowe	
	Supplementary literature	https://pg.edu.pl/biuro-karier	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Practical activities within the subject	Not applicable		

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