



Subject card

Subject name and code	BSc Diploma Project, PG_00055973						
Field of study	Power Engineering, Power Engineering, Power Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject				2024/2025	
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	4	Language of instruction				Polish	
Semester of study	7	ECTS credits				16.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Metrology and Information Systems -> Faculty of Electrical and Control Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Anna Golijanek-Jędrzejczyk					
	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		25.0		375.0	400
Subject objectives	Completion of an engineering diploma thesis.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	<p>[K6_U13] can read architectural, construction and geodesy drawings, and can use the known computer software to prepare a drawing part of technical documentation for the sanitary, energy, hydropower industry and prepare a text or presentation including a discussion of the implemented results</p>	<p>oprogramowanie , aby zaprezentować własne wyniki realizacji zadania. Sprawdź szczegóły 332 / 5 000 Wyniki tłumaczenia Tłumaczenie Completion of an engineering diploma thesis.</p> <p>The student has knowledge about rights copyright and patent rights. He knows how to gain knowledge from it range.</p> <p>The student can work in team and accept different ones in it roles.</p> <p>The student is able to use various studies and software to present their own results of the task.</p>	<p>[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information</p>
	<p>[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</p>	<p>The student is aware of professional training in his profession. The student can think creatively. The student is able to prioritize tasks during the project.</p>	<p>[SK5] Assessment of ability to solve problems that arise in practice [SK3] Assessment of ability to organize work [SK2] Assessment of progress of work [SK1] Assessment of group work skills</p>
	<p>[K6_U01] can obtain information from literature and other sources, organize, interpret it and draw and formulate conclusions; has the ability to self-educate, interprets the results of completed engineering tasks, is able to design simple energy systems and their systems</p>	<p>The student is able to obtain information from various sources, interpret them and draw conclusions. The student is able to design simple energy systems and their systems.</p>	<p>[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information</p>
	<p>[K6_W08] has basic knowledge in the field of intellectual property protection and patent law, knows and understands the basic processes of energy production and use, knows and understands the principles of modern heating and power systems</p>	<p>The student has knowledge about rights copyright and patent rights. Student knows how to gain knowledge from it range.</p>	<p>[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge</p>
	<p>[K6_K02] is able to work in a group taking different roles in it, can think and act in an entrepreneurial way, is aware of responsibility for their own work and responsibility for teamwork</p>	<p>The student can work in team and accept different ones in it roles.</p>	<p>[SK3] Assessment of ability to organize work [SK2] Assessment of progress of work [SK1] Assessment of group work skills</p>
<p>Subject contents</p>	<p>Legal requirements for obtaining a university diploma, organization of own research, requirements for diploma theses, their defense and the diploma examination.</p> <p>Copyright issues.</p> <p>Writing a diploma thesis: preparation of a diploma thesis, publication components, elaboration of the state of affairs on the basis of standards and literature (books, scientific publications) related to the subject of the work, technique of writing a scientific study, editorial preparation of publications.</p>		
<p>Prerequisites and co-requisites</p>	<p>Completion of an engineering diploma thesis.</p>		
<p>Assessment methods and criteria</p>	<p>Subject passing criteria</p>	<p>Passing threshold</p>	<p>Percentage of the final grade</p>
	<p>Project</p>	<p>100.0%</p>	<p>100.0%</p>

Recommended reading	Basic literature	1. Maćkiewicz J.: Jak pisać teksty naukowe. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 1996. 2. Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentów. Wydawnictwo Literackie, Kraków 1999. 3. Siuda P., Wasylczyk P.: Publikacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko. PWN, Warszawa, 2018. 4. Wolański A., Majewska-Tworek A., Wolańska E., Zaśko-Zielińska M.: Jak pisać i redagować. Poradnik redaktora, Wzory tekstów użytkowych, PWN, W-wa, 2017.
	Supplementary literature	-
	eResources addresses	
Example issues/ example questions/ tasks being completed	<p>What was the purpose of the thesis?</p> <p>Has the goal been achieved?</p> <p>How and what kind of experimental and simulation studies were carried out?</p> <p>Whether the set scope of work has been fully implemented?</p>	
Work placement	Not applicable	