GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	First Degree Final Project, PG_00042081						
Field of study	First Degree Final Project						
Date of commencement of studies	October 2022		Academic year of realisation of subject	2025/2026			
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	10.0			
Learning profile	general academic profile		Assessment form	exam			
Conducting unit	Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor						
	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		10.0	240.0	250	
Subject objectives	Preparation by the student of an engineering diploma thesis on the subject and scope defined by the thesis supervisor						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	prepares a diploma thesis. Can formulate its thesis or hypothesis in relation to current and future problems in the field of energy.	[SK4] Ocena umiejętności komunikacji, w tym poprawności językowej [SK3] Ocena umiejętności organizacji pracy [SK1] Ocena umiejętności pracy w grupie
[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	prepares a critical review of the literature and solutions related to the subject of the thesis using publications in Polish or a foreign language. He prepares an oral presentation of his work.	[SU5] Ocena umiejętności zaprezentowania wyników realizacji zadania [SU4] Ocena umiejętności korzystania z metod i narzędzi [SU1] Ocena realizacji zadania
[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	obtains information and data from the literature and other sources on the operation of energy systems	[SW3] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym [SW1] Ocena wiedzy faktograficznej
[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	is able to take into account technical and non-technical aspects during the implementation of a task related to various problems of the energy sector.	[SU2] Ocena umiejętności analizy informacji
[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	prepares a diploma thesis. Organizes design work in cooperation with others. Performs, with the use of appropriate tools, the necessary models, calculations, research, analyses and comparisons.	[SK5] Ocena umiejętności rozwiązywania problemów występujących w praktyce [SK3] Ocena umiejętności organizacji pracy [SK1] Ocena umiejętności pracy w grupie

Subject contents

Rules and requirements for the engineering diploma thesis. Implementation of work under the supervision of a supervisor in accordance with the defined scope and topic. Editorial preparation of the content of the work. Consultation of the project with the supervisor and, if necessary, other experts. Preparation of a multimedia presentation.

Prerequisites and co-requisites

Registration for the diploma semester.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Evaluation of the diploma thesis	56.0%	100.0%

Recommended reading

Basic literature	Literature in line with the topic of the work.
Supplementary literature	Literature in line with the topic of the work.
eResources addresses	

Example issues/ example questions/ tasks being completed

Up-to-date lists of questions for the diploma exam, specific to a given specialty, are available on the Faculty's website.

Practical activites within the subject

Not applicable

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