GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma seminar, PG_00055917						
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			
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	4.0			
Learning profile	general academic profile		Assessment form	assessment			
Conducting unit	Zakład Energetyki i Automatyki Morskiej -> Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Jerzy Kowalski				
	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	15.0	15
	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	15		36.0	49.0		100
Subject objectives	Teach students the principles of the diploma thesis						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	knows how to organize teamwork	[SK1] Assessment of group work skills
[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	has skills in self-assessment and self-education	[SK3] Assessment of ability to organize work
[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	knows intellectual property law	[SW1] Assessment of factual knowledge
[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 prepare technical documentation	[SU5] Assessment of ability to present the results of task
[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	collects and verifies information	[SU1] Assessment of task fulfilment

Subject contents

Organization of classes. Discussing the rules for completing the master thesis as part of a group project. Course contents, features and functions of the master's thesis, motivation to take up the topic within a group project. Genesis, selection, formulation and justification of the topic. Division of tasks between members of the project group and establishing communication rules. Methods of scientific research in the design and operation of marine and ocean-engineering machines and devices. The layout of the work, the technique of editing the content, the ways of presenting the results of the research, preparation of the documentation of the completed part of the project, source literature. Presentation of the results of partial tasks of a group project and their settlement. Degree of goal completion. Cognitive and utilitarian conclusions. The course of the diploma exam.

Prerequisites and co-requisites

Registration for the diploma semester

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Attendance	75.0%	50.0%
presntation	100.0%	50.0%

Recommended reading

Basic literature

Majchrzak J., Mendel T.:Metodyka pisania prac dyplomowych, Wydawnictwo AE, Poznań 199**5**

Chrościcki Z., Zarządzanie projektem zespołami zadaniowymi, Wydawnictwo C.H.Beck, Warszawa 2001

Berkun S., Sztuka zarządzania projektami, Helion, Gliwice 2006

	Supplementary literature	Tobis, Irene i Michael, Managing Multiple Projects, New York: McGraw-Hill, 2002 Phillips J.: Zarządzanie projektami IT, Helion, Gliwice 2004 Literatura specjalistyczna związana z zakresem realizowanych projektów grupowych
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	