GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma seminar, PG_00055951						
Field of study	Power Engineering						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2029/2030			
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	Division of Fluid-Flow Machinery -> Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Marian Piwowarski				
	Teachers						
Lesson types	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	The aim of the course is to prepare for writing a diploma thesis and to monitor the progress in the implementation of the diploma thesis.						

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	The student presents the progress of the thesis in the form of presentation with an indication of self-motivation of self-study	[SK2] Assessment of progress of 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	The student has knowledge of intellectual property and patent protection in the field of modern heat and power systems.	[SW2] Assessment of knowledge contained in presentation
[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	The student is able to use IT tools in the design of energy installations and systems.	[SU4] Assessment of ability to use methods and tools
[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	The student presents the progress of the thesis, knows the current state of the law in Poland and the EU in the field of energy law and energy technology, performs the literature review required for the thesis.	[SU4] Assessment of ability to use methods and tools
[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	The student is able to work in a group and take responsibility for group work.	[SK1] Assessment of group work skills

Subject contents

Course content – seminar
Basic information on intellectual property in European and national law. Individual student work related to the preparation of subsequent stages of the diploma thesis, the results of which are presented and assessed during seminar classes.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
presentation	100.0%	100.0%

Recommended reading

Basic literature	1. Dereń A.M., Gajek L., Zygadło J.: Własność intelektualna i przemysłowa w prawie międzynarodowym, europejskim i krajowym. Wyd. Pol. Wrocł., Wrocław 1998. 2. Lindsay D. Dobre rady dla piszących teksty naukowe. Pol. Wrocł., Wrocław 1995. 3. Kenny P.: Panie Przewodniczący, Panie, Panowie... Polit. Wrocł., Wrocław 1995. 4. Adamkiewicz W.: Seminarium dyplomowe. Wyd. WSM, Gdynia 1985. 5. Zenderowski R. Technika pisania prac magisterskich i licencjackich. CeDeWu, 2020
Supplementary literature	not applicable

	eResources addresses	
Example issues/ example questions/ tasks being completed	not applicable	
Practical activites within the subject	Not applicable	

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