GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Seminar, PG_00042079						
Field of study	Power Engineering, Power Engineering						
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			
Mode of study	Full-time studies		Mode of delivery	at the university			
Year of study	4		Language of instruction	English			
Semester of study	7		ECTS credits	2.0			
Learning profile	general academic profile		Assessment form	assessment			
Conducting unit	Division of Marine Power Plants -> Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Zbigniew Korczewski				
	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		3.0	32.0	50	
Subject objectives	Acquiring the skills of preparing and presenting the diploma thesis						

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[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</td><td>Student is able to create a literature review to complete a diploma thesis.</td><td>[SU2] Assessment of ability to analyse information</td></tr>
<tr><td>[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</td><td>Student is able to elaborate and present engineering report as a part of diploma thesis.</td><td>[SU5] Assessment of ability to present the results of task</td></tr>
<tr><td>[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</td><td>Student can cooperate in seminar group - formulates critical comments, accepts constructive cricitism.</td><td>[SK1] Assessment of group work skills</td></tr>
<tr><td>[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</td><td>Student knows obligated rules for the copyright protection - legislative and university requirements.</td><td>[SW1] Assessment of factual knowledge</td></tr>
<tr><td>[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</td><td>Student understands the need to constantly improve his knowledge and engineering skills in order to keep up with the dynamic global development of techniques and technologies in the field of energy.</td><td>[SK2] Assessment of progress of work</td></tr>
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<tr><td>Subject contents</td><td>To familiarize students with the form of writing thesis and preparing the presentation. Each student presents the next stages of his diploma thesis during classes. Presented content both descriptive as well as in the form of drawings and calculations are subject to discussion and preliminary assessment. This allows students to improve the ability to present technical issues, and also allows students to correct any errors and shortcomings</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Presentation for evaluation of two papers on the subject of the implemented diploma project and the issues of the diploma examination.</td><td>60.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>R. Day: How to write & publish scientific paper. Cambridge University Press 1998.

and literature matched to the problems of the diploma thesis</td></tr>
<tr><td>Supplementary literature</td><td>Supplementary literature matched to the problems of the diploma thesis</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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