GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Seminar, PG_00055524						
Field of study	Mechanical 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	Polish			
Semester of study	7		ECTS credits	4.0			
Learning profile	general academic profile		Assessment form	assessment			
Conducting unit	Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Jan Wajs					
	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	The aim of the course is to prepare the student to write a diploma thesis and to monitor his progress in diploma activities.						

<table>
<tr><td>Learning outcomes</td><td>
<table>
<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[K6_K01] is aware of the need for complementing the knowledge throughout the whole life, is able to select proper methods of teaching and learning, critically assesses the possessed knowledge; is aware of the importance of professional conduct and following the rules of professional ethics; is able to show resourcefulness and innovation in the realisation of professional projects</td><td>Student follows the rules of ethics when preparing his diploma thesis.</td><td>[SK2] Assessment of progress of work</td></tr>
<tr><td>[K6_U03] is able to identify, formulate and develop the documentation of a simple design or technological task, including the description of the results of this task in Polish or in a foreign language and to present the results using computer software or other aiding tools</td><td>Student can independently prepare a short presentation and perform it to the public. Student is able to present the results of analyzes carried out as part of the engineering diploma and initiate a discussion with the listeners.</td><td>[SU5] Assessment of ability to present the results of task</td></tr>
<tr><td>[K6_U01] is able to acquire information from specialized literary sources, databases and other resources, essential for solving engineering tasks; is able to compile the obtained information pieces and to interpret them, additionally is able to form conclusions and present justified opinion</td><td>Student knows the principles of written document preparation, including methodology of diploma thesis. The student is able to search, collect and analyze materials used in the process of preparing a thesis.</td><td>[SU2] Assessment of ability to analyse information</td></tr>
<tr><td>[K6_U02] is able to work in a team and individually, also in multi-disciplinary teams, is able to draw a plan of completing a construction or technological design, shows self-learning abilities</td><td>Student is able to cooperate in a group preparing various types of documents and to manage their preparation. Student can also independently develop a conceptual design in the field of thermal or fluid flow machines.</td><td>[SU4] Assessment of ability to use methods and tools</td></tr>
</table>
</td></tr>
<tr><td>Subject contents</td><td>Basic information on intellectual property in European and national levels. Individual student"s work related to the preparation of the subsequent stages of the thesis, the results are presented and evaluated during the seminar.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Knowledge from course of thermodynamics, heat transfer, refrigeration, air conditioning, heating, heat pumps, renewable energy sources.</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>Essay</td><td>100.0%</td><td>100.0%</td></tr>
</table>
</td></tr>
<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>1) Dereń A.M., Gajek L., Zygadło J.: Własność intelektualna i przemysłowa w prawie międzynarodowym, europejskim i krajowym. Wyd. Politechniki Wrocławskiej, Wrocław 1998. 2) Lindsay D.: Dobre rady dla piszących teksty naukowe. Politechnika Wrocławska, Wrocław 1995. 3) Kenny P.: Panie Przewodniczący, Panie, Panowie... Politechnika Wrocławska, Wrocław 1995. 4) Adamkiewicz W.: Seminarium dyplomowe. Wyd. WSM, Gdynia 1985.</td></tr>
<tr><td>Supplementary literature</td><td>no requirements</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
</table>
</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
</table>