GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Master's thesis , PG_00064757						
Field of study	Power Engineering						
Date of commencement of studies	February 2025		Academic year of realisation of subject	2025/2026			
Education level	second-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery	at the university			
Year of study	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	20.0			
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 inż. Marzena Banaszek					
	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	30.0	470.0	500

Subject objectives

The aim of the course is to supervise the proper progress of the diploma thesis by students. The diploma process includes: deepening theoretical knowledge related to the selected topic of the work, familiarizing the student with the methodology of scientific work (selection and formulation of the purpose of the work, analysis of the current state of knowledge, development of research methodology, verification and critical discussion of the obtained research results), familiarizing the student with the principles of writing scientific texts and presentation of the obtained results.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U14] integrates information obtained from literature and other properly selected sources, including those in a foreign language, creatively interpreting and critically evaluating them, and drawing conclusions	The student combines information obtained from literature and appropriately selected sources, including foreign ones, subjecting them to creative interpretation, critical analysis and drawing conclusions based on them.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject
[K7_U82] is able to proficiently obtain and process information related to field of study and academic environment in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR)	The student is able to effectively search for and process information in a foreign language at level B2+ according to the Common European Framework of Reference for Languages, relating to the field of study and functioning in the academic environment.	[SU2] Assessment of ability to analyse information
[K7_K13] is ready for responsible performance of proffesional roles, considering ever-changing need of the society, including self developement and supporting and fullfiling work ethics	The student is prepared to perform professional roles responsibly, taking into account changing social needs, including developing professional achievements, maintaining a work ethic and adhering to the principles of professional ethics.	[SK5] Assessment of ability to solve problems that arise in practice
[K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad	The student is able to cooperate effectively in an international team both at his/her university and during internships and studies abroad.	[SK1] Assessment of group work skills

Subject contents

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<tr><td>Prerequisites and co-requisites</td><td colspan="2"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>diploma thesis</td><td>100.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>1. Detailed rules for conducting diploma theses and diploma examinations at the Faculty of Mechanical Engineering and Ship Technology
https://wimio.pg.edu.pl/studenci/sprawy-studenckie/zasady-dyplomowania

2. Guidelines for authors of diploma theses and diploma projects carried out during studies at the Gdańsk University of Technology
https://wimio.pg.edu.pl/studenci/sprawy-studenckie/zasady-dyplomowania</td></tr>
<tr><td>Supplementary literature</td><td>Literature and data sources selected individually by the supervisor depending on the topic of the diploma thesis.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Formulation of the research problem. Searching and analyzing the literature on the subject. Collecting data from various sources. Selection of a method to solve the problem. Solving the problem and interpreting the results. Conclusions confirming the solution to the problem.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="2">Not applicable</td></tr>
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