GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	BSc Diploma Thesis, PG_00041789		
Field of study	Ocean 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 Subject group related to scientific research in the field of study
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	16.0
Learning profile	general academic profile	Assessment form	exam
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor		
	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	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	20.0	380.0	400

Subject objectives

Personal development of an engineering diploma thesis by a student.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U03] can use computer-aided design, production and operation tools for ocean technology objects and systems	The student effectively uses CAD/CAM/CAE software for design tasks related to the diploma.	[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
[K6_U01] can obtain information from literature, databases and other sources, can verify and organize the obtained information, interpret them and form conclusions and justified opinions	The student presents a summary of the current state of the art in the field related to the topic of the thesis..	[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
[K6_U06] in compliance with a formulated specification and with the aid of appropriate tools and methods, is able to complete a simple engineering task within the range of design, construction and operation of ocean technology objects and systems	The student correctly performs design calculations related to the diploma.	[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
[K6_W06] has an organized knowledge on engineering methods and design tools allowing the conducting of projects within the construction and operation of ocean technology objects and systems	The student correctly selects design tools for the given task.	[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation

<table>
<tr><td>Subject contents</td><td>1. Defining the problem.
2. Analysis of the current state of the art about the thesis topic.
3. Solving engineering tasks using current general and specialist knowledge.
4. Using modern engineering tools, including computer techniques, to solve engineering problems.
5. Presentation of results.</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>Reviewer's opinion</td><td>50.0%</td><td>50.0%</td></tr>
<tr><td>Supervisor opinion</td><td>50.0%</td><td>50.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>1. University and department regulations regarding diploma theses

2, Literature selected individually by the supervisor for each diploma thesis.</td></tr>
<tr><td>Supplementary literature</td><td>https://writingcenter.gmu.edu/writing-resources/imrad/writing-an-imrad-report</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Nie dotyczy</td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
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