GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Deck Equipment 1, PG_00045057		
Field of study	Ocean Engineering		
Date of commencement of studies	October 2021	Academic year of realisation of subject	2022/2023
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	2	Language of instruction	Polish
Semester of study	4	ECTS credits	3.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Faculty of Ocean Engineering and Ship Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Agnieszka Maczyszyn	
	Teachers	dr inż. Agnieszka Maczyszyn	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	0.0	15.0	0.0	0.0	45

E-learning hours included: 0.0

Address on the e-learning platform: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=3509

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	45	5.0	25.0	75

Subject objectives

Familiarize students with the basic systems in which the ship is equipped.
Learn the functions and principles of operation of the basic ship's equipment and systems in accordance with the requirements of the provisions of classification societies and applicable standards.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	Knowledge of the functions of basic ship equipment and systems	[SW3] Assessment of knowledge contained in written work and projects
[K6_U03] can use computer-aided design, production and operation tools for ocean technology objects and systems	Student is able to identify basic systems of on-board equipment.	[SU3] Assessment of ability to use knowledge gained from the subject
[K6_U05] can formulate a simple engineering task and its specification within the range of design, construction and operation of ocean technology objects and systems	The student can appoint, describe the construction and principle of operation of on-board equipment	[SU3] Assessment of ability to use knowledge gained from the subject

Subject contents

Lecture:

1. Anchor-mooring system;
2. Steering system;
3. Ship-wide installation system;
4. Fire protection system;
5. Ship loading and unloading system;

Laboratory

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Machine design basics
Technology of parts of machines and ship equipment</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Lecture -2 colloquium</td><td>55.0%</td><td>60.0%</td></tr>
<tr><td>Laboratories - reports</td><td>55.0%</td><td>40.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Ship construction / D. J. Eyres. ISBN 0750648872</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Ship Design for Efficiency and Economy Volker Bertram, H. Schneekluth</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:
Urządzenia pokładowe I,W,L, oce, sem.04, lato 22/23, (PG_00045057) - Moodle ID: 28855
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28855</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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