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 2022	Academic year of realisation of subject	2023/2024
Education level	first-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	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

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_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
[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_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

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

Prerequisites and co-requisites

Machine design basics
Technology of parts of machines and ship equipment

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Laboratories - reports	55.0%	40.0%
Lecture -2 colloquium	55.0%	60.0%

Recommended reading	Basic literature	Ship construction / D. J. Eyres. ISBN 0750648872
	Supplementary literature	Ship Design for Efficiency and Economy *Volker Bertram*, *H. Schneekluth*
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	