



## Subject card

Subject name and code	Deck Equipment 2, PG_00045078						
Field of study	Ocean Engineering, Ocean Engineering						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	5	ECTS credits			4.0		
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	15.0	15.0	0.0	0.0	60
	E-learning hours included: 0.0						
	Address on the e-learning platform: <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=3509">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=3509</a>						
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	60		7.5		32.5	100
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_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_W05] has an organized knowledge on design, construction and operation of ocean technology objects and systems	Knowledge of the functions of basic ocean-technical equipment and systems			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Lecture:  1. controllable pitch propeller2. hatch covers3. ramps and wickets 4. waterproof doors 5. thrusters and azimuthal propulsors  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
	Exercises - execution of a calculation and drawing task	55.0%	30.0%
	Lecture -2 colloquium	55.0%	50.0%
	Laboratories - reports	55.0%	20.0%
Recommended reading	Basic literature	Ship construction / D. J. Eyres. ISBN 0750648872	
	Supplementary literature	Ship Design for Efficiency and Economy <a href="#">Volker Bertram, H. Schneekluth</a>	
	eResources addresses	Adresy na platformie eNauczanie: Urządzenia pokładowe II, W,L,Ćw, Oce, sem.05,zimowy 22/23 (PG_00045078) - Moodle ID: 25836 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=25836">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=25836</a>	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		