



## 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: <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	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						

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
	Lecture -2 colloquium	55.0%	60.0%
	Laboratories - reports	55.0%	40.0%
Recommended reading	Basic literature	Ship construction / D. J. Eyres. ISBN 0750648872	
	Supplementary literature	Ship Design for Efficiency and Economy <a href="#">Volker Bertram</a> , <a href="#">H. Schneekluth</a>	
	eResources addresses	Adresy na platformie eNauczanie: Urządzenia pokładowe I,W,L, oce, sem.04, lato 22/23, (PG_00045057) - Moodle ID: 28855 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28855">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28855</a>	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		