



Subject card

Subject name and code	Deck Equipment 1, PG_00045057						
Field of study	Ocean Engineering, Ocean Engineering						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2021/2022		
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	Department of Marine Mechatronics -> 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 Adresy na platformie eNauczanie: Urządzenia pokładowe I,W,L, oce, sem.04, lato 21/22, (PG_00045057) - Moodle ID: 23007 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=23007						
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_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		
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	Urządzenia pokładowe I,W,L, oce, sem.04, lato 21/22, (PG_00045057) - Moodle ID: 23007 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=23007	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		