



Subject card

Subject name and code	General Ship Equipment (Deck Equipment), PG_00056233						
Field of study	Transport and Logistics						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2024/2025		
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	6		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Division of Marine Auxiliary Machinery -> Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Agnieszka Maczyszyn				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	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	30		2.0		18.0	50
Subject objectives	Getting to know the functions and principles of operation of basic marine equipment and systems in accordance with the requirements regulations of classification societies and applicable standards regarding the requirements for this type of devices.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W07] has a general knowledge on humanities, social and economical sciences. Knows the rules of creating the forms of personal entrepreneurship and economic activity, has knowledge on the protection of intellectual property rights and industrial property rights and copyrights		The student can find information contained in technical drawings of machines.		[SW1] Assessment of factual knowledge		
	[K6_W06] has an organized knowledge on engineering methods and design tools allowing the conducting of projects within the construction and operation of means and systems of transport		The student is able to find and apply appropriate guidelines contained in regulations and standards in calculations.		[SW3] Assessment of knowledge contained in written work and projects		
	[K6_W05] has an organized knowledge on design, construction and operation of means and systems of transport		The student is able to design elements of a ship's loading system.		[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
Subject contents	1. Steering gear 2. Rescue devices and equipment i rescue. 3. Fire-fighting equipment and installations (water-hydrant, CO2, foam, inert gas). 4. Ballast and bilge installations. 5. Transshipment methods and devices.						
Prerequisites and co-requisites	Fundamentals of machine building Engineering graphics Machine technical drawing						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Design task	60.0%	50.0%
	Presentation of the task	60.0%	50.0%
Recommended reading	Basic literature	Dietrich M. i inni: Podstawy konstrukcji maszyn . WNT 1999 Szala J.: Napędy Mechaniczne - materiały z podstaw konstrukcji maszyn. Wydawnictwo ATR - Bydgoszcz 1997 Stryczek S.: Napęd hydrostatyczny. Wydawnictwo Naukowo-Techniczne Warszawa 1999 Pawlicki K.: Elementy dźwignic. PWN, Warszawa, 1982 Wojtaszczyk B.: Urządzenia przeładunkowe drobnicowców. Wydawnictwo Morskie, 1988.	
	Supplementary literature	Pałuch K., Puchalski J., Śliwiński A.: Statki poziomego ładowania. Trademar, Gdynia 1996 Perepeczko A.: Okrętowe urządzenia sterowe. Wydawnictwo Morskie Gdańsk 1983	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.