



## Subject card

Subject name and code	General Ship Equipment (Deck Equipment), PG_00045244						
Field of study	Transport and Logistics, Transport and Logistics						
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	6	ECTS credits				2.0	
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						
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	Understanding the functions and principles of operation of basic ship equipment and systems used in transport of various cargo groups.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W05] has an organized knowledge on design, construction and operation of means and systems of transport	The student is able to list, describe the construction and principles of operation of on-board equipment and general ship equipment located on the selected type of ship.			[SW2] Assessment of knowledge contained in presentation		
	[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 is able to find patent information concerning the solution of the selected device.			[SW3] Assessment of knowledge contained in written work and projects		
	[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 determine the appropriate method and device for reloading specific goods.			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	<ol style="list-style-type: none"> <li>1. Introduction;</li> <li>2. Anchor and mooring system;</li> <li>3. Steering system;</li> <li>4. General ship installation system;</li> <li>5. fire protection system;</li> <li>6. Marine environment protection system;</li> <li>7. Rescue system;</li> <li>8. Ship loading and unloading system;</li> <li>9. Cargo security and control system;</li> <li>10. Ventilation system of the holds and other cargo spaces;</li> <li>11. Cleaning and washing system for holds or other cargo spaces;</li> <li>12. Roll leveling and rocking stabilization system.</li> </ol>						
Prerequisites and co-requisites	Machine construction basics Engineering graphics						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Lecture - 3 tests		55.0%		100.0%		

Recommended reading	Basic literature	Container Logistics: The Role of the Container in the Supply Chain Kindle Edition
	Supplementary literature	Maritime Logistics: A Guide to Contemporary Shipping and Port Management 2nd Edition, Kindle Edition
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	