

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Project 1, PG_00041791								
Field of study	Ocean Engineering								
Date of commencement of studies	October 2022		Academic year of realisation of subject			2023/2024			
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	Polish		
Semester of study	4		ECTS credits			3.0	3.0		
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Institute of Naval Arc	hitecture -> Fac	culty of Mechar	nical Engineerir	ng and S	Ship Te	chnology		
Name and surname	Subject supervisor dr inż. Agnieszka Maczyszyn								
of lecturer (lecturers)	Teachers		dr inż. Agnies	zka Maczyszy	n				
			dr hab. inż. Damian Bocheński						
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM	
of instruction	Number of study hours	0.0	0.0	0.0	30.0		0.0	30	
	E-learning hours inclu	uded: 0.0							
Learning activity and number of study hours	Learning activity	arning activity Participation in o classes included plan				Self-study SUM			
	Number of study hours	30		5.0		40.0		75	
Subject objectives	Familiarize students with the basics of designing deck equipment and general ship installations on a selected type of ship.								
Learning outcomes	Course outcome		Subject outcome			Method of verification			
	[K6_W05] has an organized knowledge on design, construction and operation of ocean technology objects and systems		The student is able to choose the optimal solution to the problem related to the arrangement of anchor and mooring equipment on board the ship.			[SW2] Assessment of knowledge contained in presentation			
	[K6_U02] can work individually and in a team, communicate through various techniques in professional environment and also record, analyse, and present the results of work, can estimate the time needed to complete a given task		machinery.			[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment			
	[K6_U06] in compliance with a formulated specification and with the aid of appropriate tools and methods, is able to complete a simple engineering task within the range of design, construction and operation of ocean technology objects and systems		The student is able to propose the type of general ship's installation.			[SU2] Assessment of ability to analyse information			
	[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		The student knows the rules and tools helpful in the design of on- board equipment.			[SW3] Assessment of knowledge contained in written work and projects			

2: Estimation of the main dimensions for the designed unit and calculation of the equipment index. 3: Selection of anchor and mooring equipment, drawing up a diagram of its arrangement on board the ship 4: Selection, calculations and drawing of steering equipment 5: Selection, calculations and drawing of general ship installations (ballast, bilge, fire protection) 6: Selection, calculations and drawing of general ship installations (ballast, bilge, fire protection) 6: Selection, calculations and drawing of special equipment 7: Selection, calculations and drawing of special equipment 8: Delivery of ready-made projects. Prerequisites and correquisites Assessment methods and criteria Subject passing criteria Percentage of the final grade ship propulsion system design 60.0% Project rom parts of on-board equipment 60.0% Recommended reading Basic literature Wipdaxricktwicz W: Instalacje kadiubowe statków morskich, Wydawnictwo Akademi Morskie 1988 Supplementary literature Wipdaxricktwicz W: Instalacje kadiubowe statków morskich, Wydawnictwo Recources addresses Adresy na platformie eNauczanie: Praca projektowa 1, Oce, sem 4, letri 3224 (PG_00041791) - Moodle ID 37677 Praca projektowa 1, Oce, sem 4, letri 3244 (PG_00041791) - Moodle ID 38656 Ittps://enauczanie.pg.edu.pl/moodle/course/view.php?id=36865 Example issues/ example quest	Subject contents	1: introduction, assignment of ship types						
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example questions/ tasks being completed								
	example questions/							
	Work placement	Not applicable						

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