



## Subject card

Subject name and code	, PG_00041856						
Field of study	Ocean Engineering, Ocean Engineering						
Date of commencement of studies	October 2020		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	Part-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish Polish		
Semester of study	7		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Zakład Wyposażenia Okrętu -> Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Wojciech Litwin				
	Teachers		dr hab. inż. Leszek Matuszewski				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	20.0	0.0	20
	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	20		5.0		50.0	75
Subject objectives	Mastering basic skills in the construction and operation of ocean engineering facilities and systems.						
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		The student knows selected tools for design work. The student is able to perform design work.		[SW3] Assessment of knowledge contained in written work and projects		
	[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 perform a simple design task.		[SU1] Assessment of task fulfilment		
	[K6_W05] has an organized knowledge on design, construction and operation of ocean technology objects and systems		The student has structured knowledge in the area of design, construction and operation		[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Design work: preparation of a concept for solving the task, selection of the best concept. Performing calculations and design work.						
Prerequisites and co-requisites	Knowledge and skills in the area of mechanics, engineering graphics and the basics of machine construction.						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	desing work		55.0%		100.0%		
Recommended reading	Basic literature		Books connected with CAD/CAM software.				
	Supplementary literature		none				
	eResources addresses		Adresy na platformie eNauczanie:				

Example issues/ example questions/ tasks being completed	Anchor winch design. Power transmission system design. Gear design.
Work placement	Not applicable