



Subject card

Subject name and code	, PG_00056252						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to practical vocational preparation		
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	practical profile	Assessment form			assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Cezary Żrodowski				
	Teachers		dr inż. Cezary Żrodowski mgr inż. Piotr Bela dr inż. Artur Karczewski				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	30.0	0.0	0.0	45
	E-learning hours included: 0.0						
	Technologia budowy jachtu I, W, L, PiBJ, sem.04, letni 22/23 - Moodle ID: 30195 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30195						
Additional information:							
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	Introduction to the basic principles of yacht hull construction technology, built of:a) compositesb) woodc) metal						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_W05	The student correctly selects the material and technology of the yacht for its predefined function.			[SW3] Assessment of knowledge contained in written work and projects		
	K6_U05	The student presents the process of building composite yachts.			[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task		
Subject contents	<p>Introduction to the technology of manufacturing and organizing the production of yacht hulls built of:</p> <ol style="list-style-type: none"> composites wood metal <p>Introduction to the technology of manufacturing drive elements:</p> <ol style="list-style-type: none"> sails propellers 						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Completion of scheduled exercises	75.0%	75.0%
	Presentation of a selected problem	50.0%	25.0%
Recommended reading	Basic literature	1. Lars Larsson, Michał Orych, Rolf E. Eliasson: Podstawy projektowania jachtów 2. Witold Tobis: Budowa i naprawa jachtów z laminatów 3. Tadeusz Sołtyk: Budowanie jachtów	
	Supplementary literature	PRS: Przepisy klasyfikacji i budowy jachtów morskich PRS: Przepisy klasyfikacji i budowy łodzi motorowych	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Mold components for the composite hull:- model- laminating and disassembling of the mold- preparation of the mold for production (surface, separating layer)- hull fabrication		
Work placement	Not applicable		