



Subject card

Subject name and code	Yacht construction technology 1, PG_00056252						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group				
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. Karol Niklas dr inż. Cezary Żrodowski				
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						
	Address on the e-learning platform: https://w_opracowaniu						
	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_U05		The student presents the process of building composite yachts.		[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment		
	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		
Subject contents	Introduction to the technology of manufacturing and organizing the production of yacht hulls built of: 1. composites 2. wood 3. metal Introduction to the technology of manufacturing drive elements: 1. sails 2. propellers						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation of a selected problem	50.0%	25.0%
	Completion of scheduled exercises	75.0%	75.0%
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	Adresy na platformie eNauczanie:	
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		