



## Subject card

Subject name and code	, PG_00056243						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2022	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	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			2.0		
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. Artur Karczewski					
	Teachers	dr inż. Artur Karczewski dr hab. inż. Przemysław Krata					
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	The aim of the course is to give the basic concepts of the construction of sailing and motor yachts in a synthetic approach ('from general to specific'). The course will prepare students for a better understanding of the discussed issues while studying various specialist subjects in a more analytical approach during further studies in the department. Some of the lectures will be conducted by the professionals from industry.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_U01	The student is able to critically analyze various types of yacht .			[SU3] Assessment of ability to use knowledge gained from the subject		
	K6_K03	The student obtains knowledge of the basics of building yachts and boats.			[SK4] Assessment of communication skills, including language correctness		
	K6_W05	Student: distinguishes the basic types of yachts and boats; names the main elements of the yacht in accordance with Polish and English technical terminology, lists the basic features (qualitative attributes) and parameters (quantitative attributes) of the yacht, lists and characterizes the elements of the yacht's functional subsystems.			[SW1] Assessment of factual knowledge		
Subject contents	1) Introduction to the subject2) General 3) Typology4) Evolution of the yacht5) Architecture of the yacht6) Yacht construction7) Yacht propulsion9) Yacht equipment and fittings9) Yacht installation10) Rigging & sails11) Legal environment						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Test	60.0%			100.0%		

Recommended reading	Basic literature	<ol style="list-style-type: none"> <li>1. L. Larsson, R. E. Eliasson, M. Orych Principles of yacht design</li> <li>2. Cz. Marchaj Sailing theory &amp; practice</li> <li>3. N.L. Skene Elements of Yacht Design</li> </ol>
	Supplementary literature	<ol style="list-style-type: none"> <li>1. Rules for the Classification and Construction of Sea-going Yachts, p: I VII, PRS</li> <li>2. Rules for the Classification and Construction of Motor Boats, p: I-VI, PRS</li> </ol>
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	