



## Subject card

Subject name and code	, PG_00054156						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2023/2024		
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	3	Language of instruction			Polish		
Semester of study	5	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. Artur Karczewski					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	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		5.0		40.0	75
Subject objectives	The aim of the course is to prepare a project of GRP hull construction of a yacht based on the requirements of classification rules and/or standards harmonized with Directive 2013/53/EU.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_U06		The student is able using the appropriate methods and tools, to perform a simple engineering task in the field of designing, manufacturing and operating yachts.		[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task		
	K6_W06		The student has a deep knowledge of engineering methods and design tools that enable the implementation of projects in the field of construction and operation of yachts.		[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	K6_W05		The student has a deep knowledge in the field of design, construction and operation of yachts.		[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Principles and regulations for scantling the structure of a laminate yacht Standardization and unification of construction GRP Preparation of the construction design of the a yacht Preparation of technical documentation of the project						

Prerequisites and co-requisites	Konstrukcja jacht laminatowego - course passed  Praca projektowa II - course passed		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project	100.0%	100.0%
Recommended reading	Basic literature	L. Larsson, R. E. Eliasson, M. Orych: Podstawy projektowania jachtów  Przepisy Klasyfikacji i Budowy Jachtów Morskich, Części I VII, PRS  Normy ISO	
	Supplementary literature	Przepisy Klasyfikacji i Budowy łodzi motorowych, Części I-VI, PRS	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		