



Subject card

Subject name and code	Construction of Composite Hull, PG_00060608						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2027/2028	
Education level	first-cycle studies	Subject group				Obligatory subject group in the field of study Subject group related to scientific research in the field of study	
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	general academic profile	Assessment form				assessment	
Conducting unit	Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Artur Karczewski					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	15.0	0.0	45
	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	45	5.0	25.0	75		
Subject objectives	The aim of the course is to familiarize the student with the principles of designing and dimensioning yacht hull structures made of composite materials based on the regulations of classification societies and taking into account technological conditions.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W06] has well-organised knowledge of engineering methods and design tools enabling the conducting of projects in the field of construction and operation of yachts	The student knows and is able to use it methods and tools in the field of construction laminate hull.			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_U06] able to perform basic engineering tasks in the field of yacht design, construction and operation according to the formulated specification, using appropriate methods and tools	The student can solve a simple one problem with the hull structure laminate.			[SU1] Assessment of task fulfilment		
	[K6_W02] has knowledge in the field of technical mechanics, fluid mechanics, strength of materials, necessary to understand the basic physical phenomena occurring in ocean engineering	The student has knowledge of the strength of laminate materials.			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Course content – lecture As above						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Tets	60.0%			100.0%		
Recommended reading	Basic literature	As above					
	Supplementary literature	As above					
	eResources addresses						

Example issues/ example questions/ tasks being completed	
Practical activities within the subject	Not applicable

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