GDAŃSK UNIVERSITY OF TECHNOLOGY

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 2025	Academic year of realisation of subject	2026/2027
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 -> Wydziały Politechniki Gdańskiej		
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	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

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	
Work placement	Not applicable

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