



## Subject card

Subject name and code	Project 2, PG_00054154						
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			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	2	Language of instruction			Polish		
Semester of study	4	ECTS credits			3.0		
Learning profile	practical profile	Assessment form			assessment		
Conducting unit	Zakład Projektowania Okrętu -> 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	mgr inż. Zbigniew Macikowski					
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	Development of hydrostatic curves and stability analysis of the yacht.						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	K6_W05		The student is organized knowledge in the theory of the ship in relation to the yacht.			[SW3] Assessment of knowledge contained in written work and projects	
	K6_U06		The student can realize a simple one a problem in the field of ship theory for a yacht.			[SU1] Assessment of task fulfilment	
	K6_W06		The student knows and can use methods and tools in the field theory of the ship in relation to the yacht.			[SW3] Assessment of knowledge contained in written work and projects	
Subject contents	Lines planHull shape modelingHydrostatic CurvesCross CurvesFlooding points curvesStability criteriaComputational methodsCalculation report						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Report		100.0%		100.0%		
Recommended reading	Basic literature		<ul style="list-style-type: none"><li>Principles of Yacht Design; Lars Larsson, Rolf E. Eliasson, Michał Orych</li><li>Rules for Classification and Construction of Seagoing Yachts, PRS</li><li>PN-EN ISO 12217: Small craft Stability and buoyancy assessment and categorization.</li></ul>				

	Supplementary literature	Stateczność statku morskiego, Zbigniew Szozda
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	