



## Subject card

Subject name and code	BSc Diploma Thesis, PG_00054160						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2021	Academic year of realisation of subject				2024/2025	
Education level	first-cycle studies	Subject group				Optional subject group Subject group related to practical vocational preparation	
Mode of study	Full-time studies	Mode of delivery				at the university	
Year of study	4	Language of instruction				Polish	
Semester of study	7	ECTS credits				16.0	
Learning profile	practical profile	Assessment form				exam	
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	0.0	0.0	0
	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	0		20.0		380.0	400
Subject objectives	Preparing the student to independently complete a diploma thesis containing a specific engineering problem.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_W06	The student has structured knowledge of engineering methods and design tools enabling the implementation of projects in the field of yacht construction and operation.			[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
	K6_U06	The student is able to solve an engineering task related to the design, production and operation of yachts.			[SU1] Assessment of task fulfilment		
	K6_U03	The student is able to use computer-aided methods of designing, manufacturing and operating yachts.			[SU1] Assessment of task fulfilment		
	K6_U01	The student is able to obtain data from various sources and is able to critically evaluate the obtained data.			[SU1] Assessment of task fulfilment		
Subject contents	An engineering task formulated individually from the range of modern issues in the field under consideration.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Diploma	100.0%			100.0%		

Recommended reading	Basic literature	Larsson L., Eliasson R.; Principles of Yacht Design Milewski Z.; Projektowanie i budowa jachtów żaglowych Cloughton, Wellicome, Sheno; Sailing Yacht Design Theory Teale J.; How to Design a Boat , Sail and Power Fossati F.; Aero-hydrodynamics and the performs of sailing yachts Slooff J.W. The Aero and Hydromechanics of Keel Yachts
	Supplementary literature	Machaj Cz. ; Sailing Theory and Practice Machaj Cz. ; Seaworthiness. The Forgotten Factor W., Elementy Dynamiki Jachtu Żaglowego Dave G.; Boat Strength for builders, designers and Owners
	eResources addresses	Adresy na platformie eNauczenie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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