



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 Claughton, Wellicome, Sheno; Sailing Yacht Design Theory Teale J.; How to Design a Boat , Sail and Power Fossati F.; Aero-hydrodynamics and the performs of 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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