



Subject card

Subject name and code	, PG_00056258						
Field of study	Design and Construction of Yachts						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2024/2025		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	5	ECTS credits			2.0		
Learning profile	practical profile	Assessment form			assessment		
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	15.0	0.0	15.0	0.0	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		3.0		17.0	50
Subject objectives	The aim of the course is to familiarize with the basic types of sailing equipment and rigging currently used in the yacht industry; methods and specificity of designing and selecting these elements both at the design stage and when finishing the yacht.						
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 construction and operation of yachts		[SW1] Assessment of factual knowledge		
	K6_U05		The student is able to formulate a simple engineering task and its specificity in the field of designing, manufacturing and operating yachts		[SU2] Assessment of ability to analyse information		
	K6_W03		Student has basic knowledge of hydromechanics, thermodynamics, machine construction, ecology, material science and electrical engineering necessary to understand the principles of yacht construction and operation.		[SW1] Assessment of factual knowledge		
Subject contents	Types of sailing equipment and rigging elements The specificity of designing and selecting elements of sailing equipment and rigging						
Prerequisites and co-requisites	Course Sails design passad						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Test		51.0%		100.0%		

Recommended reading	Basic literature	L. Larsson, R. E. Eliasson, M. Orych: Podstawy projektowania jachtów Z. J. Milewski, Projektowanie i budowa jachtów żaglowych J. W. Dziewulski, Wiadomości o jachtach żaglowych Cz. Marchaj, Teoria żeglowania Hydrodynamika kadłuba
	Supplementary literature	FRIEDRICH LUDWIG MIDDENDORF, THE MASTING AND RIGGING OF SHIPS
	eResources addresses	Adresy na platformie eNauczenie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	