



Subject card

Subject name and code	, PG_00056262						
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. Karol Niklas				
	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	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		4.0		16.0	50
Subject objectives	Activity deals with tasks of manufacturing of metallic hull of small water crafts. Problems of materials, basic manufacturing processes in this industrial measurement, transport and joining will be presented						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_W05		Student recognizes and knows issues and physical processes in relations to designed object		[SW1] Assessment of factual knowledge		
	K6_U05		Student is able to formulate key topics for realised task and defines milestones for its realisation		[SU3] Assessment of ability to use knowledge gained from the subject		
Subject contents	repetition on metallic material properties, corrosion of steel and aluminium alloys, problems of processing of steel and aluminium, problems of joining steel with aluminium, selected problems of manufacturing of thin structures from steel and aluminium.						
Prerequisites and co-requisites	Basic knowledge on metallic material properties as well as mechanic of materials						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	lecture		50.0%		100.0%		
Recommended reading	Basic literature		1. Introduction to steel shipbuilding, McGraw-Hill Book Comp. 1953				
	Supplementary literature		Periodics: Ship & Boat International, Superyacht Business, etc.				
	eResources addresses		Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed							
Work placement	Not applicable						