



Subject card

Subject name and code	, PG_00059517						
Field of study	Mechanical Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group					
Mode of study	Part-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	general academic 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 hab. inż. Damian Bocheński					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	18.0	0.0	0.0	0.0	0.0	18
	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	18		0.0		0.0	18
Subject objectives	To acquaint students with the most important facts from the history of shipping						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_K03] understands the importance of the necessity of solving dilemmas connected with practicing a profession and providing safe working conditions in manufacturing processes and in operation of machines and devices	the student understands and is able to use knowledge from history to solve professional problems			[SK2] Assessment of progress of work		
	[K7_K02] correctly identifies professional problems and is able to define the priorities and hierarchy using knowledge in solving problems	the student is aware of importance of aspects related to history for engineering activities			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	the student is aware of importance of aspects related to history for engineering activities			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_W11] possesses organized knowledge useful in understanding ex-technical conditioning connected with performing the profession of an engineer and taking it into consideration in engineering practice; possesses well-established knowledge within the range of intellectual property, management and organization of manufacturing processes, including the management and life-cycle of a product	the student knows the history of shipping on the seas and oceans			[SW1] Assessment of factual knowledge		
Subject contents	The history of shipping from antiquity to the present day. Changing structures of ships and wooden ships. The first steel structures for watercrafts. Ship and ship structures in the 20th century, the present and future of shipbuilding. Shipping routes and maritime trade in antiquity and the Middle Ages. Great geographical discoveries. The development of sea trade routes in the 17th and 18th centuries. Changes in maritime trade related to the introduction of steel structures for transport ships. Development of special ships and their influence on maritime trade.						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	60.0%	100.0%
Recommended reading	Basic literature	M. Mickiewicz. Z dziejów żeglugi. 1971	
	Supplementary literature	Internet	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		