



Subject card

Subject name and code	History of Transport, PG_00056488						
Field of study	Mechanical and Medical Engineering						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2022/2023		
Education level	first-cycle studies		Subject group				
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Faculty of Ocean Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Daniel Piątek				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		1.0		9.0	25
Subject objectives	The lecture aims to provide important knowledge of the development of means of transport, from the earliest times to the present day, with prognosis for the coming years.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K02] he/she is aware of importance of professional dealing and to fulfill ethics obligations, he/she understands other (non-technical) abilities of mechanical engineering professional, their influence on the society and security of environment, he/she is aware of importance of social cooperation		The student is aware of the positive and negative apexes of social development related to the fulfillment of transport needs in the historical aspect		[SK5] Assessment of ability to solve problems that arise in practice [SK1] Assessment of group work skills		
	[K6_W11] he/she is aware of social and juridical rules and general rules of creation and developing of individual entrepreneurship, business and quality management		Student potrafi zastosować w praktyce podstawowe metodologie nauk humanistycznych: logika oraz prawda historyczna		[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K6_K01] he/she knows his/her proficiencies and his/her limitations in performing professional tasks, he/she is aware of needing to improve his/her skills through the whole life, he/she has entrepreneurship and innovation skills, he/she is aware of engineering skills from the society point of view		The student is able to determine the impact of transport transformations on human life		[SK5] Assessment of ability to solve problems that arise in practice [SK1] Assessment of group work skills		

Subject contents	Introductory news		
	<ul style="list-style-type: none"> - causes and development of transport in human history; - technical conditions of particular types of transport; - peak performance of individual modes of transport; 		
	Water - sea transport:		
	<ul style="list-style-type: none"> - antiquity (Egypt, Phoenicians, Greeks, Romans); - Middle Ages (Vikings, Slavs, great geographical discoveries, Hanseatic League, sea powers); - modernity (technical progress, passenger shipping, warships); 		
	Water transport - inland:		
Prerequisites and co-requisites	<ul style="list-style-type: none"> - rafting down the Vistula in the history of Poland; - Polish folk boatbuilding; - historical shaping of the Gdańsk Water Junction; 		
	Railway transport:		
	<ul style="list-style-type: none"> - the beginnings of railways in the world; - spectacular railway achievements (records, railroad in the US, Orient Ekspres) - the beginnings of railways in Poland; - development of railways in Poland (mechanization, electrification, Pm36-01, Lux Torpeda) - the historical development of the Gdańsk Railway Junction (bridges in Tczew, Żuławska Access Railway, Magistrala Węglowa) 		
Assessment methods and criteria			
	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	60.0%	100.0%

Recommended reading	Basic literature	<p>Batchelor J. i Chant Ch., Encyklopedia statków żaglowych od 2000 p.n.e. do 2007 n.e., Warszawa 2006</p> <p>Cieślak E., (red. Pracy zbiorowej) Historia budownictwa okrętowego na Wybrzeżu Gdańskim, Gdańsk 1972</p> <p>Drapella Z., Zdobnictwo okrętów, Gdańsk, 1969</p> <p>Kozłowski B., Dzieje okrętu, Katowice, 1956</p> <p>Lech A., Architektura statków i okrętów, projektowanie i konstrukcja, Gdańsk 2010</p> <p>Litwin J., Morskie dziedzictwo Gdańska, Gdańsk 1998</p> <p>Mickiewicz M., Z dziejów żeglugi, Warszawa 1971</p> <p>Urbański P., Pędniki okrętowe. Historia i rozwój, Gdańsk 2001</p> <p>Smolarek P., Dawne żaglowce, Gdynia 1963</p> <p>Smolarek P., Zabytki szkutnictwa skandynawskiego, Gdańsk 1963</p>
	Supplementary literature	no
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	