



Subject card

Subject name and code	MEANS OF TRANSPORT, PG_00044581						
Field of study	Transport						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Machine Design and Vehicles -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Sławomir Sommer				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	0.0	0.0	0.0	45
	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	45		5.0		25.0	75
Subject objectives	Acquaintance the students with long-distance means of transport and with means of inner transport. Scope of the subject includes structure, application, rules and regulations of usage of these means of transport.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U02] able to use patent information on transport systems, infrastructure and means of transport	Student passed schooling on patent protection and can precise a line of patent research.			[SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools		
	[K6_W13] has basic knowledge of the construction, operation and diagnostics of means of transport and the relevant methods, tools and materials	Student is acquainted with design, exploitation, and diagnostics of vessels and means of inner transport.			[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K6_K01] able to think and act creatively and enterprisingly; able to define priorities to support the delivery of an individual or group task; understands the need for continuous education and taking responsibility as a professional for their work and the work of the team	Student assign priorities for realization of the aim, understands professional responsibilities			[SK5] Assessment of ability to solve problems that arise in practice [SK3] Assessment of ability to organize work [SK1] Assessment of group work skills [SK2] Assessment of progress of work		
Subject contents	Means of maritime transport. Type of vessels and specifications of design. Propulsion and steering. Deck appliances -anchorage, berthing, reloading technologies.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Problem solving	50.0%			50.0%		
	Kolloquium	50.0%			20.0%		
	Tests	50.0%			30.0%		

Recommended reading	Basic literature	https://www.equipmentandcontracting.com/the-different-types-of-cranes/ https://www.bigrentz.com/blog/types-of-cranes
	Supplementary literature	https://www.eaglewestcranes.com/mobile-crane-parts-and-functions/ http://www.wermac.org/rigging/lifting_rigging_part1.html
	eResources addresses	Adresy na platformie eNauczenie: ŚRODKI TRANSPORTU (cz. morska), PG_00044581 - W i CW, sem zimowy 2022/23 - Moodle ID: 25943 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=25943
Example issues/ example questions/ tasks being completed	Description of given kind of vessel. Berthing procedure. Vessel reloading principles. EU Directives. Classification of means of inner transport (MIT). Maritime container terminals as a crossroad of global network. MIT in container terminals. Scope of application of MIT on road vehicles.	
Work placement	Not applicable	