



Subject card

Subject name and code	MEANS OF TRANSPORT, PG_00044581						
Field of study	Transport						
Date of commencement of studies	October 2022		Academic year of realisation of subject			2023/2024	
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		dr inż. Sławomir Sommer dr inż. Daniel Piątek				
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_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			[SK2] Assessment of progress of work [SK1] Assessment of group work skills [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice	
	[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.			[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation	
	[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.			[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information	
Subject contents	Means of maritime transport. Type of vessels and specifications of design. Propulsion and steereng. Deck appliances -anchorage, berthing, reloading technologies.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Tests	50.0%	30.0%
	Kolloquium	50.0%	20.0%
	Problem solving	50.0%	50.0%
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 2023/24 - Moodle ID: 29184 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=29184	
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		