

## SDAŃSK UNIVERSITY 的 OF TECHNOLOGY

## Subject card

Specifics of the container transport system, PG_00056215							
Transport and Logistics							
October 2022		Academic year of realisation of subject			2024/2025		
first-cycle studies		,					
Full-time studies					at the university		
3		,			Polish		
5		ECTS credits			5.0		
general academic profile		Assessment form			assessment		
Department of Ship Manufacturing Technology, Quality Systems and Materials Science -> Faculty of Mechanical Engineering and Ship Technology						culty of	
Subject supervisor		dr inż. Ryszard Pyszko					
Teachers							
Lesson type	Lecture	Tutorial	Laboratory		t	Seminar	SUM
hours	30.0	0.0	0.0	0.0		30.0	60
Ű							
Learning activity					Self-study SUI		SUM
Number of study hours	60	10.0		55.0		125	
particular: the operati	on of transport	systems, engir	neering infrastr	ucture a	and mea		
Course outcome		Subject outcome			Method of verification		
[K6_U05] can formulate a simple engineering task and its specification within the range of design, construction and operation of means and systems of transport		The student is able to work out issues related to the preparation of transport documentation, determine the requirements of cargo securing and meet the convention requirements			[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information		
[K6_W05] has an organized knowledge on design, construction and operation of means and systems of transport		The student learns about the construction of a transport unit - a container, methods of securing the container, methods of securing cargo in the container and the permissible loads of the container.			[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge		
Features container transport system: packaging of cargo, marking of cargo, marking of cargo - unit. Description of individual items of cargo as the port of the production process. The definition of the container. General classification of container. Parameters Series I of ISO containers. Containers "land / sea". Types of damage caused by the possible movements of cargo in containers. Choosing the right type of container. Features packs with container transport. Rules stowage of containers and cargo containers. Types of dunnage. Features of the pallet for use in containers. Definition of the availability of transport and transport accessibility determinants. The detailed characterization of transport accessibility Gdańsk port, the port of Gdynia, Szczecin and Swinoujscie.							
Knowledge from subject:							
1							
Subject passin	a critoria	Daga	ing threshold		Dor	contage of the	o final grado
Subject passin	g criteria	Pass 50.0%	ing threshold		Per 50.0%	centage of the	e final grade
	Transport and Logisti October 2022 first-cycle studies Full-time studies 3 5 general academic pro Department of Ship M Mechanical Engineer Subject supervisor Teachers Lesson type Number of study hours E-learning hours inclu Learning activity Number of study hours E-learning hours inclu Learning activity Number of study hours The aim of education particular: the operati engineering task and specification within th design, construction of means and system [K6_W05] has an org knowledge on design and operation of means systems of transport Features container tra Description of individu General classification damage caused by th Features packs with dunnage. Features of Definition of the avail characterization of tra Knowledge from subj	Transport and Logistics         October 2022         first-cycle studies         Full-time studies         3         5         general academic profile         Department of Ship Manufacturing T Mechanical Engineering and Ship Te         Subject supervisor         Teachers         Lesson type       Lecture         Number of study hours       30.0         E-learning hours included: 0.0         Learning activity       Participation in classes includ plan         Number of study hours       60         Number of study hours       60         Course outcome       [K6_U05] can formulate a simple engineering task and its specification within the ransport engineering task and its specification within the ransport         [K6_W05] has an organized knowledge on design, construction and operation of means and systems of transport         Features container transport system Description of individual items of car General classification of container. F damage caused by the possible mox Features packs with container transport accessi Knowledge from subject:	Transport and Logistics         October 2022       Academic realisation         first-cycle studies       Subject grownest realisation         first-cycle studies       Mode of detection         3       Language         5       ECTS cred         general academic profile       Assessment         Department of Ship Manufacturing Technology, Quechanical Engineering and Ship Technology       Subject supervisor         dr inż. Ryszar       dr inż. Ryszar         Teachers       Image: State Sta	Transport and Logistics         October 2022       Academic year of realisation of subject         first-cycle studies       Subject group         Full-time studies       Mode of delivery         3       Language of instruction         5       ECTS credits         general academic profile       Assessment form         Department of Ship Manufacturing Technology, Quality Systems at Mechanical Engineering and Ship Technology       Subject supervisor         Grachers       dr in2. Ryszard Pyszko         Leason type       Lecture       Tutorial         Laboratory       Number of study       30.0       0.0       0.0         Number of study       30.0       0.0       0.0       0.0         Learning nours included: 0.0       Learning activity       Participation in didactic classes included in study plan       Participation in consultation frast engineering and transport traffic associated with the container transport systems, engineering infrastregineering and transport traffic associated with the container transport documentation, design, construction and operation of means and systems of transport       The student is able to work of issues related to the prepare of transport documentation, design, construction and operation of means and systems of transport documentation, design, construction and operation of individual items of cargo as the port of the producti General classification of container. Parameters Series I of ISO co damage caused by the possible movements of cargo in conta	Transport and Logistics         October 2022       Academic year of realisation of subject         first-cycle studies       Subject group         Full-time studies       Mode of delivery         3       Language of instruction         5       ECTS credits         general academic profile       Assessment form         Department of Ship Manufacturing Technology       Quality Systems and Matt Mechanical Engineering and Ship Technology         Subject supervisor       dr inž. Ryszard Pyszko         Teachers       Lesson type         Lesson type       Lecture         Tutorial       Laboratory         Number of study hours       0.0         foors       0.0         Number of study hours       60         foors       10.0         The aim of education is to provide graduates with the knowledge of the furgation in classes included in study plan         Number of study hours       60         for means and systems of transport systems, engineering infrastructure as engineering infrastructure as engineering infrastructure as engineering and transport traffic associated with the container transports of transport out met the container ation, determine the requirements of cargo securing and meet the convention requirements of transport unit - a construction of a securing the subset of securing the subset of securing the permissible loads of the container.         Featur	Transport and Logistics       October 2022       Academic year of realisation of subject       2024/         first-cycle studies       Subject group       Image: Construction       2024/         first-cycle studies       Subject group       Image: Construction       2024/         first-cycle studies       Subject group       Image: Construction       Polish         5       ECTS credits       5.0         general academic profile       Assessment form       assess         Department of Ship Manufacturing Technology       Subject supervisor       Image: Construction         Teachers       Image: Construction       Project         Lesson type       Lecture       Tutorial       Laboratory       Project         Number of study       30.0       0.0       0.0       0.0         Number of study plan       60       10.0       55.0         Number of study plan       60       10.0       55.0         Course outcome       Subject outcome       [SU2]/       and presention         (K6_U05] can formulate a simple implicention in tendos of securing and transport traffic associated with the container transport system       [SU2]/       analys         Course outcome       Subject outcome       [SU2]/       analys       analys       analys       an	Transport and Logistics         October 2022       Academic year of realisation of subject       2024/2025         first-cycle studies       Subject group       at the university         3       Language of instruction       Polish         5       ECTS credits       5.0         general academic profile       Assessment form       assessment         Department of Ship Manufacturing Technology, Quality Systems and Materials Science -> Fa         Mechanical Engineering and Ship Technology       Subject supervisor       dr in2. Ryszard Pyszko         Teachers       Eesson type       Lecture       Tutorial       Laboratory       Project       Seminar         Number of study hours       30.0       0.0       0.0       0.0       30.0       30.0         Learning activity       Participation in didactic classes included in study plan       Participation in consultation hours       Self-study         Number of study hours       60       10.0       55.0       Subject outcome       Method of ve         [K6_U05] has an organized knowledge on design, construction and operation of means and systems of transport systems, engineering infrastructure and means of transport eragio in the container methods of securing cargo securing and meet the container, methods of securing cargo. Method of ve       [SU5] Assessment container, and theods of securing cargo in the container and theods of securing cargo in

Recommended reading	Basic literature	<ol> <li>Transport. Praca zbiorowa pod red. W. Rydzkowskiego i K. Wojewódzkiej-Król, Wydawnictwo Naukowe PWN, Warszawa 2006.</li> <li>Technologie transportowe XXI wieku. Praca zbiorowa pod red. L. Mindura. ITE, Warszawa-Radom 2008.</li> </ol>				
		3. Jankowski Stefan <i>Opakowania transportowe</i> Poradnik Wyd. Naukowo-Techniczne, Warszawa 2007				
		4.Wiśnicki Bogusz Vademecum Konteneryzacji Formowanie kontenerowej jednostki ładunkowej. Wyd. Link I Maciej Węgliński, 2006 Wydanie I				
	Supplementary literature	1. Usługi logistyczne. Praca zbiorowa pod red. W. Rydzkowskiego, IliM, Poznań 2007.				
	eResources addresses	Adresy na platformie eNauczanie:				
Example issues/	1. The characteristics of the typical containers used in global container transport					
example questions/ tasks being completed	2. General description of the methods for determining the efficiency of container transport systems					
	3. The main problems of container transport					
Work placement	Not applicable					