

表 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Introduction to Transportation Systems, PG_00044534							
Field of study	Transport							
Date of commencement of studies	October 2023		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	1		Language of instruction			Polish		
Semester of study	2		ECTS credits			3.0		
Learning profile	general academic profile		Assessment form			exam		
Conducting unit	Department of Trans	portation Engin	eering -> Facul	Ity of Civil and I	Environi	mental	Engineering	
Name and surname of lecturer (lecturers)	Subject supervisor dr hab. inż. Kazimierz Jamroz Teachers							
Lesson types and methods	Lesson type	Lecture	Tutorial Laboratory Project		t	Seminar	SUM	
of instruction	Number of study hours	30.0	15.0	0.0	0.0	-	0.0	45
	E-learning hours inclu	uded: 0.0						
Learning activity and number of study hours	Learning activity	Participation in classes includ				Self-study		SUM
	Number of study hours	45		5.0		25.0		75
Subject objectives	The aim of the course is to provide students with information relating to transport systems, definitions and concepts related to transport. Students gain knowledge and skills in the field of classification, functioning of transport systems in different modes of transport, intermodal transport and get to know the impact of transport on the economy, environment and safety.							
Learning outcomes	Course out	Subject outcome			Method of verification			
						[SW1] Assessment of factual knowledge		
	select methods for organising their		subsystems.					
	assess critically the basic means of trans systems of transport select methods for o	design of sport and , able to	Student is abl problems that systems. Stuc	e to solve spec appear in tech lent is able to a on and function ems and	nical Issess		Assessment of the second to the second to the second to the second term of	
Subject contents	assess critically the basic means of trans systems of transport select methods for o	design of sport and , able to rganising their nable transport. future of transp conveyences. F transport. Wate	Student is abl problems that systems. Stuc the construction transport syst subsystems. Basic definition port. Transport cositive and neg	appear in tech lent is able to a on and function ems and ns. Transport s chains and pro gative impacts	nical issess ing of ystems. cesses. of trans	Develo . Techn port. Tra	ppment of tran ology and org ansport netw	ols Insport. ganization of ork. Road
Subject contents Prerequisites and co-requisites	assess critically the basic means of transport select methods for o technical operation Introduction - Sustair Transport today. The transport. Transport of transport system. Air	design of sport and , able to rganising their nable transport. future of transp conveyences. F transport. Wate	Student is abl problems that systems. Stuc the construction transport syst subsystems. Basic definition port. Transport cositive and neg	appear in tech lent is able to a on and function ems and ns. Transport s chains and pro gative impacts	nical issess ing of ystems. cesses. of trans	Develo . Techn port. Tra	ppment of tran ology and org ansport netw	ols Insport. ganization of ork. Road
Prerequisites	assess critically the basic means of transport select methods for o technical operation Introduction - Sustair Transport today. The transport. Transport of transport system. Air	design of sport and , able to rganising their nable transport. future of transp conveyences. F transport. Wate system.	Student is abl problems that systems. Stuc the construction transport syst subsystems. Basic definition port. Transport cositive and neger transport syst	appear in tech lent is able to a on and function ems and ns. Transport s chains and pro gative impacts	nical issess ing of ystems. cesses. of trans	Develo Develo Techn port. Tr ban tra	ppment of tran ology and org ansport netw	ols nsport. ganization of ork. Road n. Assessment
Prerequisites and co-requisites	assess critically the basic means of transport select methods for o technical operation Introduction - Sustair Transport today. The transport. Transport of transport system. Air of the transportation	design of sport and , able to rganising their nable transport. future of transp conveyences. F transport. Wate system.	Student is abl problems that systems. Stuc the construction transport syst subsystems. Basic definition port. Transport cositive and neger transport syst	appear in tech lent is able to a on and function ems and ns. Transport s chains and pro gative impacts stem. Rail trans	nical Issess ing of ystems. cesses. of transport. Ur	Develo Develo Techn port. Tr ban tra	ethods and to opment of trai ology and org ansport netw nsport syster	ols nsport. ganization of ork. Road n. Assessment

Recommended reading	Basic literature	Rydzkowski W., Wojewódzka-Król K.: Transport, PWN, 2007 r. Grzywacz W. i inni: Polityka transportowa. WUG,2000			
	Supplementary literature	Bentkowska – Senator. K i inni: Transport samochodowy ładunków. ITS 2009 Gilbert R., Perl A.: Transport Revolutions: Moving people and freight without oil. FSC 2008. Naider J.: Transport międzynarodowy. PWE, 2008 Wojewódzka – Król K., Rolbiecki R.: Infrastruktura Transportu. Wydawnictwo UG 2009. Czasopismo: Transport Miejski i Regionalny			
	eResources addresses	Adresy na platformie eNauczanie:			
Example issues/ example questions/ tasks being completed	Selected aspects of the history of transport development. Characteristics of selected transport systems (regional, national). Overview of selected innovative transport systems.				
Work placement	Not applicable				