GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00071354		
Field of study	Transport		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Transportation Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Justyna Staszak-Winkler	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	15.0	0.0	0.0	0.0	30

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	30	0.0	0.0	30

Subject objectives

The aim of the course is to develop students ability to analyze and solve real-world logistics problems occurring in business operations, particularly in logistics, transport, and productiondistribution companies, through the use of case studies, practical data, and analytical tools supporting logistics decision-making.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U08] able to carry out simple engineering tasks related to the construction and operation of a selected element of the transport system, select the right methods and tools	The student conducts analyses and evaluates the efficiency of logistics companies' operations.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
[K6_W04] has knowledge in the areas of diagnosing, designing, and managing transportation systems and the processes occurring within them, economic processes, transport economics, transport financing systems, and transport law	The student acquires the ability to solve problems occurring in practice.	[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation

Subject contents

Course content – lecture
The role of logistics in the functioning of modern enterprises.
Logistics processes in an enterprise.
Decision-making in enterprise logistics.
Tools for the analysis of logistics processes.
Case studies in logistics management.
Efficiency of logistics companies operations.
Contemporary challenges and development directions of enterprise logistics.

Course content – exercises
The classes are based on the analysis of case studies, work with simplified real-world data, and simulations of decision-making processes typical for logistics and transport companies.

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>tutorials</td><td>60.0%</td><td>50.0%</td></tr>
<tr><td>lectures</td><td>60.0%</td><td>50.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>M. Gąsowska: Zarządzanie procesami logistycznymi we współczesnych przedsiębiorstwach, Difin, Warszawa 2022

Współczesne aspekty zarządzania logistyką pod red. B. Galińskiej, Wydawnictwo Politechniki Łódzkiej, Łódź 2019</td></tr>
<tr><td>Supplementary literature</td><td>professional literature

scientific articles.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2"></td></tr>
<tr><td>Practical activites within the subject</td><td colspan="2">Not applicable</td></tr>
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