GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Team Project (TS), PG_00044640		
Field of study	Transport		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Optional subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	3.0
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 inż. Krystian Birr	
	Teachers	dr inż. Krystian Birr dr inż. Łukasz Jeliński mgr inż. Konrad Biszko	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	30.0	0.0	30

E-learning hours included: 0.0

eNauczanie source addresses:
Moodle ID: 8680 Projekt zespołowy / WILiŚ / Transp. / stacj. / st. 1 / sem. V / zima / 2026-2027
https://enauczanie.pg.edu.pl/2025/course/view.php?id=8680

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	10.0	35.0	75

Subject objectives

The aim of the subject are:1) Learn how to work in a team, working with the leader and the division of responsibilities for specific scope of the project.2) Learning a practical solution to an engineering problem, including the stages:literature recognition,case study analysis,analysis of the existing and planned condition,developing a concept for solving the problem,formulation of conclusions.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U01] able to use technical documentation and literature, databases and other sources of transport related information; able to interpret information, make logical links and formulate opinions and conclusions based on the above	The student is able to collect, select and analyse information from technical documentation, specialist literature and transport databases, and use it to diagnose a project problem, develop a solution concept and formulate conclusions.	[SU5] Assessment of ability to present the results of task
[K6_U02] shows professional and effective performance within teamwork, both as a leader and as a team member	The student is able to cooperate effectively within a project team, participate in task allocation, work planning and coordination, and complete assigned tasks on time, demonstrating communication and teamwork skills both as a team member and as a team leader.	[SU1] Assessment of task fulfilment
[K6_W06] has knowledge to understand transportation development planning considering economic, spatial, ecological, and social conditions and the consequences of transportation activities	The student identifies and explains spatial, economic, social and environmental factors affecting the functioning and development of transport systems and understands their importance in diagnosing transport problems and developing project solutions.	[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	The student is ready to creatively solve project problems, independently set priorities, take initiative and responsibly perform individual and team tasks. The student recognises the need to continuously develop professional competencies and take responsibility for the quality and outcomes of teamwork.	[SK1] Assessment of group work skills

Subject contents

Course content – project

Design classes involve developing a solution to a complex engineering problem by implementing the following stages:literature recognition,case study analysis,analysis of the existing and planned condition,developing a concept for solving the problem,formulation of conclusions.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
2-3 presentations	50.0%	100.0%

Recommended reading

Basic literature	none - depends on the subject of the project
Supplementary literature	none - depends on the subject of the project
eResources addresses	

Example issues/ example questions/ tasks being completed

Synthesis and assessment of existing knowledge and methods to solve the problemAnalysis of the existing and planned conditionProblem solution concept and conclusions

Practical activites within the subject

Not applicable

Document generated electronically. Does not require a seal or signature.