



Subject card

Subject name and code	Team Project, PG_00044659						
Field of study	Transport						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group			Optional subject group		
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			assessment		
Conducting unit	Department of Railway Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Sławomir Grulkowski					
	Teachers	dr inż. Sławomir Grulkowski					
Lesson types and methods of instruction	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						
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 is to prepare students to work in a group on joint projects. Teach students to obtain information from different sources their synthesis and drawing conclusions.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U02] able to plan and conduct research experiments on selected transport problems using different research methods and draft scientific and technological papers in Polish and the synthesis in a foreign language	The student describes the indicated problem. He plans and performs basic research to document the solution to the problem. He makes a technical description			[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information		
	[K7_W12] knows and understands basic terms and rules of industrial property protection and copyright law and the need to manage intellectual property resources	Can use the available sources of information without infringing the intellectual property rights. Uses existing knowledge resources			[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge		
	[K7_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	He can identify the problem. Defines the strategy for its solution. Finds similar situations in literature			[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Gathering information about the project. Execution of documentation. Presentation of the project prepared.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Assessment of written work	60.0%			50.0%		
	Assessment of presentation	60.0%			50.0%		
Recommended reading	Basic literature	Publications in journals and articles from national and international conferences					
	Supplementary literature	not applicable					
	eResources addresses	Adresy na platformie eNauczanie: Projekt zespołowy (IT) - 2T_II_IT - 2023/2024 - Moodle ID: 30681 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30681					

Example issues/ example questions/ tasks being completed	The concept of integrating the railway and tram system in Gdańsk Tram freight transport in Gdańsk Modern noise protection systems
Work placement	Not applicable