



Subject card

Subject name and code	Team Project (TS), PG_00044640						
Field of study	Transport						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2023/2024		
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 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						
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. Tomasz Mackun					
	Teachers	mgr inż. Tomasz Mackun dr hab. inż. Kazimierz Jamroz					
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 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_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	Ability to work in a group			[SK2] Assessment of progress of work		
	[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	Ability to search for and analyze information sources			[SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_U03] able to document a self-elaborated transport problem and present it in Polish and a foreign language, draft and read construction drawings	Ability to present the results of teamwork			[SU1] Assessment of task fulfilment		
Subject contents	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
		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	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Synthesis and assessment of existing knowledge and methods to solve the problem Analysis of the existing and planned condition Problem solution concept and conclusions		
Work placement	Not applicable		