



## Subject card

Subject name and code	Team Project (TS) II, PG_00044643						
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		
Semester of study	6	ECTS credits			2.0		
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	5.0		25.0	60	
Subject objectives	The Team Project subject for the Transport major aims to prepare students to work in project teams focusing on transport-related issues.						
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 review literature in thematic scope related to the project. Conquered translates knowledge into use of methods and tools in project.			[SU4] Assessment of ability to use methods and tools		
	[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 able to search for methods solutions posed problem. He sees a need analysis of elements relevant to project and necessity self-expansion your knowledge and skills.			[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U03] able to document a self-elaborated transport problem and present it in Polish and a foreign language, draft and read construction drawings	The student is able to work in a group and organize your own work. Is able to present work progress and the results obtained. Can formulate conclusions from analyzes performed and recommendations for further work.			[SU5] Assessment of ability to present the results of task		

Subject contents	<p>As part of this subject, students develop and implement a project in a group. Work on this project require students to combine knowledge and skills from different fields, such as engineering transport, economics, law, marketing and project management. Students work on the project throughout the semester, from defining the project's problem and goals implementation and evaluation. Students demonstrate skills in planning, organization, negotiation, communication and teamwork.</p> <p>Team project topics can cover various aspects of transport, such as:</p> <ul style="list-style-type: none"> <li>• analysis and optimization of the transport network</li> <li>• design of transport systems</li> <li>• transport project management</li> <li>• analysis of the impact of transport on the environment</li> <li>• research on transport user behavior</li> <li>• designing solutions for urban transport</li> <li>• designing new transport technologies</li> </ul> <p>A team project is not only an opportunity to acquire practical skills related to working in... team and design, but also allows students to develop their soft skills such as communication, negotiation and problem solving.</p>		
Prerequisites and co-requisites	Basic knowledge of transport systems		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		100.0%	100.0%
Recommended reading	Basic literature	depending on the project topics	
	Supplementary literature	depending on the project topics	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		