



## Subject card

Subject name and code	Team project, PG_00059874						
Field of study	Civil Engineering						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2024/2025		
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 Transportation Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Marcin Stienss					
	Teachers	dr inż. Marcin Stienss mgr inż. Anna Gobis					
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		40.0	75
Subject objectives	The aim of the course is to present students with the principles of team cooperation in solving complex engineering problems related to road infrastructure.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W15] has deep and adequate knowledge of civil engineering, within offered specialization and profile	After passing the course, the student has knowledge of issues related to the highest-level road network, i.e. highways and expressways.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation
	[K7_U15] has advanced skills in civil engineering within offered specialization/profile	After passing the course, the student has the ability to solve problems related to the highest level road network, i.e., among others: highways and expressways.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
	[K7_K02] Recognizes the significance of knowledge in solving cognitive and practical problems; reliably evaluates results of his own and team research	After passing the course, the student is aware of the importance of knowledge in the process of solving problems that may occur in engineering practice.	[SK5] Assessment of ability to solve problems that arise in practice
	[K7_K05] can manage a team in a responsible way, regarding the rules of occupational safety and health	After passing the course, the student is able to lead a project team, skillfully distribute work and control the progress of the entire team, as well as intervene and prevent delays.	[SK5] Assessment of ability to solve problems that arise in practice [SK3] Assessment of ability to organize work [SK2] Assessment of progress of work [SK1] Assessment of group work skills
[K7_K01] is aware of necessity of professional competences improvement; obeys the professional ethics code	After passing the course, the student is familiar with the need to constantly expand his or her existing knowledge	[SK5] Assessment of ability to solve problems that arise in practice	
Subject contents	During the course, project teams of 2 or 3 people are responsible for developing and presenting a comprehensive solution to a road infrastructure problem related to technological or traffic engineering aspects.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Preparation of a written report	80.0%	100.0%
Recommended reading	Basic literature	Not applicable	
	Supplementary literature	Not applicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> <li>1. Improvement program on the DK22 national road, Tczew-Elbląg section</li> <li>2. Improvement program on the provincial road DW502 Stegna-Nowy Dwór Gdański</li> <li>3. Design of a model transit road through the development area depending on the road category</li> <li>4. Preparation of a schedule for maintenance of the highway or expressway surface</li> </ol>		
Work placement	Not applicable		

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