



Subject card

Subject name and code	Team Project (IT) II, PG_00044663							
Field of study	Transport							
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023			
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 Railway Engineering -> Faculty of Civil and Environmental Engineering							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Sławomir Grulkowski					
	Teachers							
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 aim of the course is to familiarize students with group work on a multi-sector project and to search for solutions to the transport problem in consultation with other industries							
Learning outcomes	Course outcome		Subject outcome			Method of verification		
	[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 present the selected problem in the available software. Can create charts and diagrams as well as simple schematic drawings.					
	[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 interpret the problem. He finds a solution and evaluates its feasibility. Is able to divide work and work according to the competences of team members. The student is able to interact and work in a group, taking various roles in it. Includes contact with other industries.					
[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 search for information in the field of transport infrastructure and interpret it. He can use and reads technical documentation. He searches databases on the Internet and finds books and publications						
Subject contents	1. Discussion of issues to be carried out for groups of students participating in the classes (2 meetings) 2. Literature review of the subject in the field of transport (2 meetings) - prepared by students 3. Identification of the current status in terms of the subject matter of the issue (2 meetings) 4. Identification of problems in the scope of the subject matter (2 meetings) 5. Proposed solutions to problems (3 meetings) 6. Summary (comparison of options, costs, conclusions) (2 meetings)							
Prerequisites and co-requisites	Knowledge of subject matters: Rail transport infrastructure Road transport infrastructure							
Assessment methods and criteria	Subject passing criteria		Passing threshold			Percentage of the final grade		
	Presentation skills		60.0%			40.0%		
	Interpretation of the presented problem		60.0%			60.0%		

Recommended reading	Basic literature	Reading list depending on the topic of the task
	Supplementary literature	Reading list depending on the topic of the task
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	The concept of bringing rail transport to the Gdynia West area Development of the Central Communication Port Noise protection systems	
Work placement	Not applicable	