GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Team project, PG_00059874		
Field of study	Civil Engineering		
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 Transportation Engineering -> Faculty of Civil and Environmental Engineering		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Marcin Stienss	
	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	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_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
[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.	[SK1] Assessment of group work skills [SK2] Assessment of progress of work [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice
[K7_K02] Rocognizes 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_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.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
[K7_W15] has deep and adequate knowlege 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.	[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge

<table>
<tr><td>Subject contents</td><td colspan="3">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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Preparation of a written report</td><td>80.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Not applicable</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Not applicable</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:
Projekt Zespołowy - Budownictwo sem. II - Moodle ID: 34363
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=34363</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">1. Improvement program on the DK22 national road, Tczew-Elbląg section
2. Improvement program on the provincial road DW502 Stegna-Nowy Dwór Gdański
3. Design of a model transit road through the development area depending on the road category
4. Preparation of a schedule for maintenance of the highway or expressway surface</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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