GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Thesis, PG_00060683		
Field of study	Transport and Logistics		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Optional subject group Subject group related to scientific research in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	4	Language of instruction	Polish
Semester of study	7	ECTS credits	16.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Multimedia Systems -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Jakub Montewka	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	0.0	0

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	0	20.0	380.0	400

Subject objectives

Preparing the student for the implementation of the diploma project, and then systematically monitoring the progress of his own work on the project, giving him advice, advice and tips. Checking the practical effects of the project work.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U01] can obtain information from literature, databases and other sources; verify and systematize the information obtained, interpret it and draw conclusions, formulate and justify opinions	The student is able to critically verify the credibility and validity of the information obtained and to systematize and interpret it in the context of the engineering problem being solved in the project.	[SU2] Assessment of ability to analyse information
[K6_W06] has established knowledge of engineering methods and design tools enabling the implementation of projects in the field of construction and operation of transport means and systems	The student understands and characterizes engineering methods (computational, analytical, and research) relevant to the topic of their own diploma project in the field of construction and operation of transportation vehicles and systems.	[SW3] Assessment of knowledge contained in written work and projects
[K6_U03] is able to use computer methods to support the design, development and operation of transport means and systems	The student is familiar with the design tools (e.g., CAD/CAE and simulation software, standards, and catalogs) used to implement the project and understands their limitations.	[SU4] Assessment of ability to use methods and tools
[K6_U06] can use appropriate methods and tools in accordance with the formulated specification; can perform a simple engineering task in the field of design, manufacture and operation of transport means and systems	The student is able to interpret and detail the specification of an engineering task and, on its basis, determine the assumptions and scope of a diploma project in the field of transport means and systems.	[SU1] Assessment of task fulfilment

Subject contents

Prerequisites and co-requisites

<table>
<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>progress of project implementation, commitment to own work</td><td>70.0%</td><td>70.0%</td></tr>
<tr><td>frequency of contacting a supervisor and a project consultant</td><td>30.0%</td><td>30.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">The literature is indicated to the student implementing the project in accordance with the subject of the project.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Supplementary literature is indicated to the student implementing the project in accordance with the subject of the project.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">The main tasks for students implementing the project are to develop a review part based on a literature analysis, formulation of project assumptions and demonstration of progress in construction works, implementations and experiments.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
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