GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Engineering diploma project II, PG_00060776		
Field of study	Chemical Technology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2027/2028
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	4.0
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. Piotr Konieczka	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	60.0	0.0	60

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	60	5.0	35.0	100

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_U02] is able to operate typical laboratory apparatus and conduct analyses related to materials testing	is able to conduct all the research necessary to complete the engineering thesis.	[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment
[K6_U11] individually plans and implements his/her own learning	is able to independently plan and carry out his/her own work related to the subject of the engineering project, including searching for and analyzing literature and analysis of obtained results	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject
[K6_K02] understands the non-technical aspects and implications of the activities of a chemical engineer, including the impact on the environment, is aware of professional behaviour, observance of professional ethics and respect for diversity of views and cultures	understands the non-technical aspects of the work of an engineer and chemical technologist in the context of the impact of the plastics industry on the environment and minimizing the negative consequences associated with it. The student conducts himself in a professional manner when performing tasks related to the engineering diploma project.	[SK2] Assessment of progress of work
[K6_U12] applies the principles of health and safety at work	can conduct tests and measurements in accordance with laboratory regulations, ensuring their own safety and that of their group.	[SU1] Assessment of task fulfilment

Subject contents

Course content – project
The subject is the student's own work project, under the supervision of a supervisor and consultants.

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>frequency of contacting a supervisor and a project consultant</td><td>30.0%</td><td>30.0%</td></tr>
<tr><td>progress of project implementation, commitment to own work</td><td>70.0%</td><td>70.0%</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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