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 2026	Academic year of realisation of subject	2029/2030
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 Process Engineering and Chemical Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Donata Konopacka-Łyskawa	
	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

The aim of this course is to independent completion of an engineering diploma project in the field of refining technologies. The course aims to develop skills in implementing design or research work, analyzing and interpreting results, and preparing a diploma thesis in accordance with the guidelines set forth in the Rector's Order.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K02] is aware of the responsibility for his/her work and is ready to work in a team and share responsibility for common tasks.	is aware of the responsibility for preparing an engineering diploma project and is ready to cooperate in the implementation of research or design work.	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice
[K6_U02] Performs design calculations of technological processes, selects industrial equipment, operates laboratory equipment and conducts material analyses	performs planned work related to the implementation of the engineering diploma project, including design calculations, selection of appropriate equipment, performance of experimental work and analysis of the obtained results	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task

Subject contents

Course content – project
Implementation of the engineering diploma project.
Preparation of the literature review.
Analysis and interpretation of the obtained results.
Preparation of the engineering diploma project manuscript.

Prerequisites and co-requisites

Knowledge of chemical and refinery technology. Knowledge of laboratory methods and the ability to use scientific literature and databases. Basic knowledge of the principles of scientific research and English sufficient to read professional literature are also recommended.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Engineering diploma project	100.0%	100.0%

Recommended reading

Basic literature	As recommended by the engineering project supervisor.

	Supplementary literature	As recommended by the engineering project supervisor.
	eResources addresses	
Example issues/ example questions/ tasks being completed	As recommended by the engineering project supervisor.	
Practical activites within the subject	Not applicable	

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