



Subject card

Subject name and code	Engineering diploma project II, PG_00060776						
Field of study	Chemical Technology						
Date of commencement of studies	October 2025	Academic year of realisation of subject				2028/2029	
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.	The student 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	The student 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 activities within the subject	Not applicable	

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