



## Subject card

Subject name and code	Engineering Diploma Project, PG_00058319						
Field of study	Green Technologies						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group			Optional subject group		
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			15.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Process Engineering and Chemical Technology -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Piotr Rybarczyk				
	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	0.0	30.0	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		50.0		295.0	375
Subject objectives	The aim of the subject is to provide the student with information and tips necessary for a proper preparation of a diploma thesis and to develop the ability to present the research results.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_K06] has awareness of the importance of non-technical aspects and effects of engineering activities, including its impact on the environment and the associated responsibility for decisions.	The student acquires awareness of the effects of engineering activities and the related responsibilities	[SK5] Assessment of ability to solve problems that arise in practice
	[K6_K02] is aware of the social role of a technical college graduate, take the reflections on the ethical, scientific and social aspects of the work performed, understands the need to promote, formulating and providing the public with information and opinions concerning the activities of the profession of engineer.	The student acquires awareness of the role of an engineer in society, acquires the ability to discuss and properly convey technical information to the public	[SK4] Assessment of communication skills, including language correctness
	[K6_K03] turns the attention to the prestige associated with the profession and professional solidarity properly understood, shows respect for others and concern for their welfare	The student acquires the ability to care for the prestige associated with his future profession, shows respect and cares for the well-being of other people	[SK1] Assessment of group work skills
	[K6_U03] is able to use information and communication technologies relevant to the common tasks of engineering, is able to use known methods and mathematical-physical models to describe and explain phenomena and chemical processes	The student is able to use information and communication techniques to explain engineering tasks in the field of green technologies, is able to describe chemical phenomena and processes using mathematical methods	[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject
[K6_U01] is able to obtain information from literature, databases and other sources, is able to integrate the information obtained, to make their interpretation, as well as draw conclusions and formulate and justify opinions, take part in the discussion	The student is able to use literature databases and other sources, is able to select and interpret literature in a way related to the topic of the diploma thesis, is able to draw conclusions from the collected information and discuss and defend the presented content.	[SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment	
Subject contents	Organization and course of the diploma process. Guidelines for the preparation of an engineering diploma thesis and the course of the diploma examination. Discussion and discussion of the topic and scope of the engineering diploma thesis, techniques of writing engineering diploma theses. Avoiding plagiarism when writing an engineering diploma thesis. Presentations of the progress of the diploma thesis. Presentation and discussion of the results of the engineering diploma thesis.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation of the results of the diploma thesis	100.0%	100.0%
Recommended reading	Basic literature	Current rules regarding the diploma procedure at the Faculty of Chemistry of the Gdańsk University of Technology.  Industry and scientific literature related to the topic of the engineering diploma thesis.	
	Supplementary literature	Not applicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		