GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Chemical technologies in practice, PG_00060848		
Field of study	Chemical Technology		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Obligatory subject group in the field of study 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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Polymer Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Justyna Kucińska-Lipka	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	0.0	0.0	0.0	0.0	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	2.0	18.0	50

Subject objectives

Familiarizing students with practical aspects of chemical technology in industry.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W05] Has knowledge of electrical engineering, automation and computer science, including the operation of measurement and control systems	The student is able to identify and describe industrial processes and operations, methods of controlling and steering these processes and operations.	[SW3] Assessment of knowledge contained in written work and projects
[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 able to behave in a professional and responsible manner while on the premises of an industrial plant. The student cooperates in a group, carrying out joint activities.	[SK4] Assessment of communication skills, including language correctness

Subject contents

Course content – lecture

Technology trips to industrial companies specialized in e.g.:

- plastics processing,
- waste utilization,
- food production.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
reports from technological trips	60.0%	100.0%

Recommended reading

Basic literature	not applicable
Supplementary literature	not applicable
eResources addresses	

Example issues/ example questions/ tasks being completed

- Describe the process of producing electrical wires.
- Describe the processes used in food technology.
- Describe the process of extracting energy from waste.

Practical activites within the subject	Not applicable

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