GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Materials Technology in Sanitary Systems , PG_00058784						
Field of study	Environmental Engineering						
Date of commencement of studies	October 2024		Academic year of realisation of subject	2025/2026			
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	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	4.0			
Learning profile	general academic profile		Assessment form	assessment			
Conducting unit	Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Jakub Drewnowski				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	15.0	0.0	0.0	45
	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	45		6.0	50.0		101
Subject objectives	nie dotyczy						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W07] has a structured and theoretically founded knowledge in the field of materials used in the sanitary industry, their physico-chemical properties; knows and understands the basic processes of their production	nie dotyczy	[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
[K6_U13] knows the rules of application and can choose the materials of the sanitary industry	nie dotyczy	[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task
[K6_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of environmental engineering and other aspects of the sanitary industry engineer's activity; is aware of the importance and understands the non-technical aspects and effects of engineering activities; makes efforts to provide such information and opinions in a widely understandable way, presenting different points of view	nie dotyczy	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice
[K6_U14] can organize, estimate executive construction works (installation) in accordance with the principles of construction technology and organization, apply the principles of safety and health at work during the implementation of engineering tasks	nie dotyczy	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment

Subject contents

nie dotyczy

Prerequisites and co-requisites

nie dotyczy

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
nie dotyczy	50.0%	100.0%

Recommended reading

Basic literature	nie dotyczy
Supplementary literature	nie dotyczy
eResources addresses	

Example issues/ example questions/ tasks being completed

nie dotyczy

Work placement

Not applicable

Document generated electronically. Does not require a seal or signature.