GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00071154						
Field of study	Civil Engineering						
Date of commencement of studies	October 2022		Academic year of realisation of subject	2025/2026			
Education level	first-cycle studies		Subject group	Obligatory subject group in the field of study Humanistic-social 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	8		ECTS credits	1.0			
Learning profile	general academic profile		Assessment form	assessment			
Conducting unit	Department of Building Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. Karol Kalinowski					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		0.0		0.0	15
Subject objectives	To equip students with an interdisciplinary set of competencies combining technical knowledge with interpersonal skills, essential for effectively fulfilling engineering roles in modern civil engineering						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W08] Knowledge of construction law, the basics of entrepreneurship, project management, knowledge of the principles of risk and safety regulations standards of organization and construction site management.	Student possesses organized knowledge regarding construction project management parameters, project life cycles, and legal conditions influencing the investment process.	[SW2] Assessment of knowledge contained in presentation
[K6_K02] Can work effectively in a group, as well as function in teams, which may consist of representatives of various branches and levels.	Student is able to actively collaborate within an interdisciplinary project team, assuming various roles and ensuring efficient information flow between representatives of different industries.	[SK1] Assessment of group work skills
[K6_W71] has general knowledge in humanistic, social, economic or legal sciences	Student identifies and understands key concepts in social and economic sciences, such as emotional intelligence and process efficiency, within the context of a modern engineer's work.	[SW2] Assessment of knowledge contained in presentation
[K6_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems in a social environment	Student is able to apply interpersonal communication techniques and knowledge of social psychology to effectively resolve conflicts and build relationships within the investment environment.	[SU4] Assessment of ability to use methods and tools
[K6_K01] Is aware of the key aspects of professional, ethical and social responsibility related to management, business operation, decision making and opinion formulation in civil engineering.	student demonstrates an awareness of responsibility for managerial decisions and their impact on professional ethics and social aspects of construction processes.	[SK1] Assessment of group work skills

Subject contents

Course content – lecture
The course focuses on developing management and communication competencies that enable engineers to effectively coordinate complex construction processes and lead multidisciplinary teams. By enhancing emotional intelligence and interpersonal techniques, students learn to build professional relationships with stakeholders and effectively resolve conflicts in a high-pressure investment environment. The program bridges theoretical project management frameworks with the practical development of proactive attitudes, translating "soft" skills into measurable performance indicators and successful project delivery.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Attendance	60.0%	100.0%

Recommended reading

Basic literature	Inteligencja emocjonalna w praktyce Daniel Goleman Emocje ujawnione Ekman Paul Zarządzanie projektami dla inżynierów Starecki Tomasz
Supplementary literature	Zarządzanie wartością inwestycji budowlanych. Projektowanie i realizacja dr Małgorzata Waszkiewicz, dr Bartosz Zamara
eResources addresses	

Example issues/ example questions/ tasks being completed

Practical activites within the subject

Not applicable

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