GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Special works of construction technology , PG_00044262		
Field of study	Civil Engineering		
Date of commencement of studies	October 2021	Academic year of realisation of subject	2024/2025
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	3.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Metal Structures -> Faculty of Civil and Environmental Engineering		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Adam Kristowski	
	Teachers	dr inż. Adam Kristowski	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	0.0	15.0	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	5.0	40.0	75

Subject objectives

Present and explain technology engineering works

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K03] can think and act creatively and enterprisingly, obeys the etics code	The student knows how to organize work on a construction site.	[SK3] Assessment of ability to organize work
[K6_U16] is able to manage the construction site according to codes of technology and construction management	The student presents and explains the basic concepts of construction works technology.	[SU3] Assessment of ability to use knowledge gained from the subject
[K6_W14] Has knowledge on basic enterprise, management and marketing in a company; knows labour norms in civil engineering and rules of construction organizing and management	The student knows the norms and norms of work in construction.	[SW1] Assessment of factual knowledge

Subject contents

Technology of blasting and underground work, no-excavation methods. Demolitions. Technologies for deep foundations of buildings. Removing water from deep excavations for construction. Special methods for concrete work of engineering structures. Execution of construction work in winter and critical conditions.

Prerequisites and co-requisites

access to professional literature

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Project	60.0%	50.0%
Midterm colloquium	60.0%	50.0%

Recommended reading

Basic literature	Zalecana literatura: 1. Dyżewski A. : Technologia i organizacja budowy Arkady Warszawa 2. Stefański A. : Technologia zmechanizowanych robót budowlanych. PWN 3. Stefański A., Walczak J. : Technologia robót budowlanych. Arkady 4. Śniadkowski Z. : Maszyny do zagęszczania podłoża. WN-T 5. Praca zbiorowa : Mechanizacja robot wykończeniowych w budownictwie. Arkady 6. Fligier K., Rowiński L., Szwabowski J. : Montaż zintegrowanych konstrukcji budowlanych. PWN 7. Przychodzeń T. : Mechanizacja robót ziemnych w warunkach zimowych IOMB
Supplementary literature	No requirements
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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