



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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