



## Subject card

Subject name and code	TECHNOLOGY AND ORGANIZATION CONSTRUCTION WORKS, PG_00043948						
Field of study	Civil Engineering						
Date of commencement of studies	October 2021		Academic year of realisation of subject		2022/2023		
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study Humanistic-social subject group 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	4		ECTS credits		1.0		
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	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		0.0		0.0	30
Subject objectives	Knowledge of technology and the organization construction works						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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 is able to use the knowledge from the area of business management.				
	[K6_U11] knows and applies rules of construction law; can estimate risk of construction works and implement proper security routines; obeys the rules of occupational safety and health		The student is able to use health and safety rules and labour law.				
	[K6_U16] is able to manage the construction site according to codes of technology and construction management		The student is able to use the rules of work organization.				
	[K6_K03] can think and act creatively and enterprisingly, obeys the ethics code		The student is able to use the principles of professional activity in an economic and ethical way.				
Subject contents	Basic issues in construction work technology. Mechanization of construction works. Technology for preparatory works. Technology and management of earthwork. Technology and management of concrete works. Technological transport. Technology and management of assembly. Prefabrication. Technology of finish work. Scaffolds. Technology of topcoat work. Technical specifications of work conduct and commissioning. Basic issues concerning management.						
Prerequisites and co-requisites	access to professional literature						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	test		60.0%		100.0%		

Recommended reading	Basic literature	Literatura podstawowa 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. Jaworski K.M.: Metodologia projektowania realizacji budowy. WN PWN Warszawa 5. Jaworski K.M.: Podstawy organizacji budowy.WN PWN Warszawa
	Supplementary literature	Literatura uzupełniająca 6. Śniadkowski Z. : Maszyny do zagęszczania podłoża. WN-T 7. Praca zbiorowa : Mechanizacja robot wykończeniowych w budownictwie. Arkady 8. Fligier K., Rowiński L., Szwabowski J. : Montaż zintegrowanych konstrukcji budowlanych. PWN 9. Stoner J.A.F., Freeman R.E., Gilbert D.R.: Kierowanie. PWE Warszawa. 10. Ustawa Prawo budowlane.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	