

SDAŃSK UNIVERSITY 的 OF TECHNOLOGY

Subject card

Subject name and code	Technology and organization of construction typical works, PG_00049148								
Field of study	Civil Engineering								
Date of commencement of studies	October 2021		Academic year of realisation of subject			2023/2024			
Education level	first-cycle studies		Subject group			Optional subject group			
						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	3		Language of instruction			Polish			
Semester of study	5		ECTS credits			3.0			
Learning profile	general academic profile		Assessment form			exam			
Conducting unit	Department of Building Engineering -> Faculty of Civil and Environmental Engineering								
Name and surname	Subject supervisor	dr inż. Adam ł	Kristowski						
of lecturer (lecturers)	Teachers		dr inż. Marcin Szczepański						
			mor inż Agata Siemaszko						
			dr inż. Anna Jakubczyk-Gałczyńska						
			mgr inż. Anna Cuglewska-Lech						
			dr inż. Adam Kristowski						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	aboratory Project		Seminar	SUM	
	Number of study hours	15.0	15.0	0.0	15.0		0.0	45	
	E-learning hours included: 0.0								
	Address on the e-lear	https://enauczanie.pg.edu.pl/moodle/i			index.php?id=4751				
Learning activity and number of study hours	Learning activity	Participation in classes includ plan	n didactic ed in study	Participation in consultation hours		Self-study		SUM	
	Number of study hours	45		7.0		23.0		75	
Subject objectives	Getting to know the basic knowledge of technology and organization of construction works.								
Learning outcomes	Course out	Subject outcome			Method of verification				
	[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 explain and present regulations concerning construction works.			[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 is able to explain and present basic concepts of management during construction works.			[SW1] Assessment of factual knowledge			
	[K6_U16] is able to manage the construction site according to codes of technology and construction management		The student is able to explain and present basic issues of planning construction works.			[SU4] Assessment of ability to use methods and tools			
	[K6_K03] can think and act creatively and enterprisingly, obeys the etics code		The student is able to explain and present the principles of construction management.			[SK5] Assessment of ability to solve problems that arise in practice			

Subject contents	Technology and organization of concrete works. Technological transport. Technology and organization of assembly. Prefabrication. Finishing works technology. Scaffolding. Technology of surface works. Technical specifications of execution and acceptance of works. Basic terms concerning organization and management. Design of the construction process implementation in time: linear schedules, network methods. Design of site development. Safety and health protection regulations in the construction process.						
and co-requisites							
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade				
and criteria	project	60.0%	33.0%				
	exam	60.0%	34.0%				
	exercise	60.0%	33.0%				
Recommended reading	Basic literature	 Dyżewski A. : Technologia i organizacja budowy Arkady Warszawa Stefański A. : Technologia zmechanizowanych robót budowlanych. PWN Stefański A., Walczak J. : Technologia robót budowlanych. Arkady Jaworski K.M.: Metodologia projektowania realizacji budowy. WN PWN Warszawa Jaworski K.M.: Podstawy organizacji budowy. WN PWN Warszawa 					
		 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., Freemen R.E., Gilbert D.R.: Kierowanie. PWE Warszawa. 10. Ustawa Prawo budowlane. 					
	eResources addresses	Adresy na platformie eNauczanie: Technologia i organizacja robót budowlanych 2023 - Moodle ID: 30575 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30575 Technologia i organizacja robót budowlanych 2023 - Moodle ID: 30575 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30575					
Example issues/ example questions/ tasks being completed	Netopoliachia						
vvork placement							