



Subject card

Subject name and code	COMUTTER-AIDED ENTERPRISE MANAGEMENT , PG_00049151						
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 Building Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Beata Grzyl				
	Teachers		dr inż. Beata Grzyl dr inż. Magdalena Apollo				
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	-						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K6_U10] can prepare cost estimation and schedule of construction works; is able to make basic economical analysis of engineering investment		-			[SU1] Assessment of task fulfilment	
	[K6_K05] can work on his own and in a team to solve a problem		-			[SK5] Assessment of ability to solve problems that arise in practice	
	[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		-			[SW2] Assessment of knowledge contained in presentation	
Subject contents	-						
Prerequisites and co-requisites	-						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project No. 3	60.0%	35.0%
	Project No. 2	60.0%	20.0%
	Project No. 1	60.0%	10.0%
	Project No. 4	60.0%	35.0%
Recommended reading	Basic literature	Literatura podstawowa: 1. Jaworski K.: Podstawy organizacji budowy, Wydawnictwo Naukowe PWN, Warszawa 2004. 2. Kowalczyk Z., Zabielski J.: Kosztorysowanie i normowanie w budownictwie, WSiP, Warszawa 2013. 3. Powszechne Standardy Kosztorysowania. Zasady i procedury wyceny obiektów i robót budowlanych, Wydawca Warszawskie Centrum Postępu Techniczno - Organizacyjnego Budownictwa WACETOB, Warszawa 2015. 4. Maj T.: Organizacja budowy, WSiP, Warszawa 2013. 5. Poradnik Majstra Budowlanego, Wydawnictwo Arkady, Warszawa 2007. 6. Poradnik Kierownika Budowy, Wydawnictwo Forum, Warszawa 2007. 7. Weiss I., Jurga R.: Inwestycje budowlane, Wydawnictwo C.H. Beck, Warszawa 2005.	
	Supplementary literature	-	
	eResources addresses	Adresy na platformie eNauczenie: Komputerowe wspomaganie zarządzania przedsięwzięciami sem. zimowy 2024/2025 - Moodle ID: 42200 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=42200	
Example issues/ example questions/ tasks being completed	-		
Work placement	Not applicable		

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