



Subject card

Subject name and code	Construction project II, PG_00055845						
Field of study	Architecture						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional 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		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Technical Fundamentals Of Architectural Design -> Faculty Of Architecture -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Marek Sztafrowski				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	45.0	0.0	45
	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	45		5.0		25.0	75
Subject objectives	Knowledge of technical issues related to the construction technical project.Knowledge of basic issues related to reinforced concrete and masonry structures, and relationsbetween loads and stresses and deformations in simple elements made of reinforced concrete						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W01] knows and understands construction problems, building and engineering issues related to building design; principles, solutions, constructions and building materials used in simple engineering tasks in the field of architectural and urban design		Knowledge and understanding of: construction and building issues related to building design; principles, solutions, constructions and building materials applied to perform simple tasks in the field of architectural design.		[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects		
	[K6_U04] is able to use analytical methods to formulate and solve project tasks		is able to use analytical methods to formulate and solve project tasks		[SU2] Assessment of ability to analyse information		
Subject contents	Basic issues related to reinforced concrete and masonry structures.Pre-design works.Architectural, construction and technical design.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	correctness of the design solution		100.0%		100.0%		
Recommended reading	Basic literature		Panas J. red., Nowy poradnik majstra budowlanego, Arkady 2012.Żenczykowski W., Budownictwo ogólne, Warszawa, Arkady, 1986.Różycki S., Budownictwo ogólne 3-4, Gdańsk 1966Budownictwo ogólne, T 1 Materiały i wyroby budowlane, WarszawaArkady, 2007Budownictwo ogólne, T 3 Elementy budynków.Podstawy projektowania, Warszawa Arkady, 2008Budownictwo ogólne, T 4 Konstrukcja budynków, Warszawa Arkady,2014Łapko A.: Projektowanie konstrukcji żelbetowych, Arkady, Warszawa2001Łapko A., Jensen B. Ch.: Podstawy projektowania i algorytmy obliczeńkonstrukcji żelbetowych, Arkady, Warszawa 2005.PNB-03264/2002 Konstrukcje betonowe, żelbetowe i sprężone.Obliczenia statyczne i projektowanie.PN-B-03002/1999 Konstrukcje murowe niezbrojone. Projektowanie iobliczenia statyczne				

	Supplementary literature	P. Hyks, M. Gaborik, O. Vrana, Schody, Arkady 1984Markiewicz Przemysław, Budownictwo ogólne dla architektów, Archi-Plus 2011 (wyd. 4)Markiewicz Przemysław, Detale projektowe dla architektów, Archi-Plus2010 (wyd. 1)Hoła J., Pietraszek P., Schabowicz K.: Obliczenia budynkówwznoszonych tradycyjnie, Dolnośląskie WydawnictwoEdukacyjne,Wrocław 2006.Starosolski W., Konstrukcje żelbetowe, Wydawnictwo Naukowe PWN,W-wa 2007. Kobiak J., Stachurski W.: Konstrukcjeżelbetowe, Arkady,Warszawa 1984.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Use of technology in architectural design, related to the construction and technical design.	
Work placement	Not applicable	

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