



Subject card

Subject name and code	General building technology III, PG_00055708						
Field of study	Architecture						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group		Obligatory subject group 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	3		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Technical Fundamentals of Architectural Design -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. arch. Marek Wysocki				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		2.0		8.0	25
Subject objectives	To learn the elements of construction and gain the knowledge to solve architectural details independently.						
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		knows and understands the issues of construction, technology and building structures, including key issues in architectural design, knows and understands technical issues related to single-family houses (structure, building details)		[SW1] Assessment of factual knowledge		
	[K6_U01] is able to use the experience gained during studies to critically analyze the conditions and formulate conclusions for design in an interdisciplinary context		is able to develop solutions for individual building systems and elements in terms of technology, construction and materials; including architectural and construction details in traditional construction		[SU2] Assessment of ability to analyse information		
Subject contents	Course content – lecture Elements of wall construction, lintels, attics, tie-beams, plinths; Ceiling construction; Structures and details of flat roofs; Structures and covering of steep roofs; Water insulation of basement walls.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Colloquium in the form of a theoretical test		51.0%		100.0%		

Recommended reading	Basic literature	1. Praca zbiorowa pod kier. Buczkowskiego W.: Budownictwo ogólne. Konstrukcje budynków, t. 4. Arkady, Warszawa 2009. 2. Praca zbiorowa pod kier. Lichołai L.: Budownictwo ogólne. Elementy budynków, podstawy projektowania, t. 3. Arkady, Warszawa 2010. 3. Poradnik Majstra Budowlanego. Warszawa, Arkady 1992, 4. Rozporządzenie Ministra Infrastruktury z dnia 1 kwietnia 2002 r. w sprawie warunków technicznych jakim powinny odpowiadać budynki i ich usytuowanie. 5. Rozporządzenie Ministra Infrastruktury z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy projektu budowlanego
	Supplementary literature	1. Pawłowski Paweł, Budownictwo ogólne. Warszawa, Państw. Wydaw. Nauk., 1983. 2. Żenczykowski Wacław, Budownictwo ogólne. Warszawa, Arkady, 1986. 3. Chudzikowski Mariusz [i in.], Vademecum budowlane : praca zbiorowa. Warszawa, Arkady, 1994. 4. Sieczkowski Józef, N. Tadeusz, Ustroje Budowlane
	eResources addresses	
Example issues/ example questions/ tasks being completed	Structure system of the object. Layers of walls and ceilings. Building details. Sample questions : 1. Differences between FERT and TERIVA type ceilings; 2. List tensile elements in timber roof structures 3. Connection of a floor beam of a multi-rib ceiling on a two-layer external wall - sketch and description of partitions and beam fixing elements.	
Practical activities within the subject	Not applicable	

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