



## Subject card

Subject name and code	Structural Materials, PG_00060449						
Field of study	Mechanical and Naval Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Part-time studies	Mode of delivery			blended-learning		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			6.0		
Learning profile	general academic profile	Assessment form			exam		
Conducting unit	Division of Materials Science and Technology -> Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Grzegorz Gajowiec					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	27.0	0.0	18.0	0.0	0.0	45
	E-learning hours included: 27.0						
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	10.0	95.0	150		
Subject objectives	nie dotyczy - przedmiot jest prowadzony w języku polskim						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W08] has a knowledge of the analysis and design of selected technical systems, machines and technical equipment, selection of construction materials, manufacturing and operation, including their life cycle	nie dotyczy - przedmiot jest prowadzony w języku polskim			[SW1] Assessment of factual knowledge		
	[K6_W03] possesses and is able to practically apply the knowledge on the construction, properties and testing methods of construction materials	nie dotyczy - przedmiot jest prowadzony w języku polskim			[SW1] Assessment of factual knowledge		
	[K6_U10] is able to formulate the principles of selecting a material for a construction, ensuring the correct operation of a device	nie dotyczy - przedmiot jest prowadzony w języku polskim			[SU3] Assessment of ability to use knowledge gained from the subject		
Subject contents	Course content – lecture nie dotyczy - przedmiot jest prowadzony w języku polskim						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
		60.0%			50.0%		
		100.0%			50.0%		
Recommended reading	Basic literature	nie dotyczy - przedmiot jest prowadzony w języku polskim					
	Supplementary literature	nie dotyczy - przedmiot jest prowadzony w języku polskim					
	eResources addresses						
Example issues/ example questions/ tasks being completed	nie dotyczy - przedmiot jest prowadzony w języku polskim						

Practical activities within the subject	Not applicable
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