



Subject card

Subject name and code	Structural Materials, PG_00060449						
Field of study	Mechanical and Naval Engineering						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
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 -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Grzegorz Gajowiec				
	Teachers						
Lesson types and methods of instruction	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_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		
	[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		
Subject contents	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		
			100.0%		50.0%		
			60.0%		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		Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	nie dotyczy - przedmiot jest prowadzony w języku polskim						

Work placement	Not applicable
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