



Subject card

Subject name and code	Team project I, PG_00061929						
Field of study	Materials Engineering, Materials Engineering						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2026/2027		
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	3		Language of instruction		Polish -		
Semester of study	5		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Maria Gazda				
	Teachers		dr hab. inż. Stefan Krakowiak prof. dr hab. inż. Maria Gazda dr inż. Daniel Jaworski dr inż. Michał Landowski				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	E-learning hours included: 0.0						
	eNauczanie source address: https://enauczanie.pg.edu.pl/2025/course/view.php?id=2049 Moodle ID: 2049 Projekt zespołowy I https://enauczanie.pg.edu.pl/2025/course/view.php?id=2049						
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		2.0		18.0	50
Subject objectives	Completion of the project by a team of students						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U10] Can work in a group in order to solve problems typical of materials engineering.	is able to collaborate within a group, where they work on a project aimed at solving a problem defined in that project	[SU1] Assessment of task fulfilment
	[K6_U11] Is able to notice non-technical aspects when forming and solving project tasks, including environmental, economic and legal aspects. Applies the rules of occupational health and safety.	During the execution of the project, the individual takes into account various aspects, with a particular focus on environmental considerations. They adhere to the occupational health and safety rules specified in the laboratory regulations.	[SU1] Assessment of task fulfilment
	[K6_K02] Can think and act creatively and entrepreneurially, is able to negotiate, work in a team, assuming different roles.	Is capable of thinking and acting creatively, they are able to work within a team—specifically, the group carrying out a project—and can collaborate with other groups.	[SK1] Assessment of group work skills
	[K6_W03] Has knowledge of materials science and can relate the properties of materials with their structure and composition, knows the theoretical description of phenomena occurring in materials subjected to external factors.	possesses knowledge of materials science relevant to the project's implementation.	[SW3] Assessment of knowledge contained in written work and projects
Subject contents	Course content – project Selection of topics and formation of teams; Analysis of the issue; Selection of research and/or analysis methods appropriate to the project problem; Independent familiarization with the selected research and analysis methods; Preparation of an action plan and assignment of team roles; Project execution: conducting research/analyses using the selected methods; Critical analysis of the results and discussion; Preparation of the report; Summary of work: presentation of results and discussion; Peer review of team results and discussion.		
Prerequisites and co-requisites	no		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	evaluation of the result and development of the project	51.0%	100.0%
Recommended reading	Basic literature	literature related to the project topic – different for each group	
	Supplementary literature	as before	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Investigation of Aikido/Detox adhesive plaster. Aligned ceramics		
Practical activities within the subject	Not applicable		

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