



## Subject card

Subject name and code	Team project II, PG_00059073						
Field of study	Materials Engineering, Materials Engineering, Materials Engineering						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2024/2025		
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	6	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						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Maria Gazda					
	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	30.0	0.0	30
	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	30	2.0		18.0	50	
Subject objectives	Project implementation by a team of students						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_U10	is able to work in a group in which he/she carries out a project in order to solve a problem specified in the project			[SU1] Assessment of task fulfilment		
	K6_W07	Has detailed knowledge related to the subject of the project he is implementing			[SW1] Assessment of factual knowledge		
	K6_K02	Is able to think and act in a creative way, is able to cooperate in a team, such as a group implementing a project			[SK2] Assessment of progress of work		
	K6_U11	As part of the project implementation, notices other aspects, especially environmental ones. It applies the principles of occupational health and safety specified in the laboratory regulations.			[SU1] Assessment of task fulfilment		
Subject contents	Selection of topics, creation of teams; Analysis of the issue; Selection of the research method and/or analysis method for the problem posed in the project; Independent learning of selected research methods and analysis methods; Preparation of an action plan, division of roles in the team; Project implementation: conducting research/analysis using selected methods; Critical analysis of the obtained results, discussion; Preparation of the report; Summary of work: presentation of results, discussion; Peer review of the results of the teams' work, discussion.						
Prerequisites and co-requisites	no						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	assessment ow work and raport	51.0%			100.0%		
Recommended reading	Basic literature	no					
	Supplementary literature	no					
	eResources addresses	Adresy na platformie eNauczanie:					

Example issues/ example questions/ tasks being completed	"Design of new thermoelectric materials based on multicomponent oxides".Comparative archaeometric studies of masonry mortars using scanning calorimetry3D printed materials in electrochemistry
Work placement	Not applicable

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