



## Subject card

Subject name and code	Team project II, PG_00059075						
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	Department of Polymers Technology -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Janusz Datta					
	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	The aim of the course is to prepare students to participate in complex design projects concerning polymer materials. Students will acquire the ability to prepare a project based on the conducted analyses of product demand and to manage and actively participate in projects carried out jointly in teams of several people						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_K02	The student is able to cooperate, present his/her point of view and work out a compromise.			[SK1] Assessment of group work skills		
	K6_U11	The student is aware that non-technical aspects and occupational health and safety principles should also be taken into account during design.			[SU3] Assessment of ability to use knowledge gained from the subject		
	K6_U10	The student is able to cooperate with other people and solve problems in the field of materials engineering			[SU2] Assessment of ability to analyse information		
	K6_W07	Student has knowledge in the field of materials science			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Establishing the project topic and selecting groups and managers. Establishing the project scope and meeting schedule. Detailed development of project specifications, defining requirements. Consultations and independent work on the project. Presentations of progress and results of work						
Prerequisites and co-requisites	Knowledge of polymers, processing and application of polymer materials						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	project	60.0%			100.0%		
Recommended reading	Basic literature	Basic Literature will be tailored to each project individually					
	Supplementary literature	Additional literature will be tailored to each project individually.					
	eResources addresses	Adresy na platformie eNauczanie:					

Example issues/ example questions/ tasks being completed	Develop a formulation for a motor vehicle tire tread and obtain a sample of the test material  Develop a thermoplastic with specific properties for 3D printing for a specific product  Develop chemical recycling of rigid foam waste (e.g. from refrigerators)  Self-repairing materials
Work placement	Not applicable

Document generated electronically. Does not require a seal or signature.