GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00065823		
Field of study	Materials Engineering, Materials Engineering		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	second-cycle studies	Subject group	
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Polymer Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Łukasz Piszczyk	
	Teachers	dr hab. inż. Łukasz Piszczyk	

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

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	3.0	17.0	50

Subject objectives

The objective of the course is to familiarize students with the principles and methods of preparing research, research and development, and implementation projects.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U07] Can plan and organize individual and team work.	The student is able to plan and organize individual work as well as work within teams.	[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject
[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	The student is able to apply knowledge from the fields of humanities, social sciences, economics, and law to solve problems.	[SU4] Assessment of ability to use methods and tools
[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	The student is able to apply knowledge from the fields of humanities, social sciences, and economics.	[SK5] Assessment of ability to solve problems that arise in practice

Subject contents

Course content – project

- Research projects, research and implementation projects, investment projects
- Innovation
- Risks
- Intellectual property
- Project budget

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Presentation	60.0%	100.0%

Recommended reading

Basic literature	Materials Provided by the Instructor.
Supplementary literature	Materials Provided by the Instructor.
eResources addresses	

Example issues/ example questions/ tasks being completed	1. Research projects, research and implementation projects, investment projects 2. Risk management methods 3. Meeting with Broker from CTT Gdansk University of Technology 4. Meeting with an employee of Gdańsk Tech Startup School
Practical activites within the subject	Not applicable

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