GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Economic environment, PG_00062769		
Field of study	Materials Engineering		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	Optional subject group Humanistic-social 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	1.0
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 dr inż. Marek Augustyniak	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	15.0	15

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	15	1.0	9.0	25

Subject objectives

The objective of this course is to present students of the Materials Engineering program with potential career paths available upon the completion of their studies.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W71] has general knowledge in humanistic, social, economic or legal sciences	The student has knowledge in the fields of humanities, social sciences, and law.	[SW1] Assessment of factual knowledge
[K6_K71] is conscious of the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	The student possesses a general understanding of the humanities, social sciences, or economics, encompassing their fundamental principles and practical applications.	[SK4] Assessment of communication skills, including language correctness
[K6_K01] Understands the need to improve professional and personal competencies; is conscious of own limitations and knows when to turn to experts, properly establishes priorities helping to accomplish tasks defined by oneself or others.	A participant in the course understands the importance of developing both professional and personal competencies. They are aware of their limitations and can assess when it is beneficial to seek expert assistance. Additionally, they are capable of effectively setting priorities that facilitate the completion of both their own tasks and those assigned to them.	[SK5] Assessment of ability to solve problems that arise in practice
[K6_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems in a social environment	The student is capable of applying knowledge from the humanities, social sciences, or economics to solve a variety of problems.	[SU3] Assessment of ability to use knowledge gained from the subject

<table>
<tr><td>Subject contents</td><td>Course content – seminar

The series of meetings with students integrates various methods of experience sharing, including:

• Insights and reflections shared by the instructors, drawn from their own academic and commercial professional experience.
• Experiences of alumni, presented through MP3 or MP4 recordings featuring graduates of the Materials Engineering program.
• Invitations to professionals from the business sector for live meetings, at least in an online format.
• When feasible, organizing a visit to a selected enterprise.
• A simulation game in which students face ethically and technically challenging situations based on real-life cases from industry.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Activity</td><td>60.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>Materials Provided by the Instructor.</td></tr><tr><td>Supplementary literature</td><td>Materials Provided by the Instructor.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>1. meetings with graduates of Materials Science Engineering

2. meeting with Broker from CTT Gdansk University of Technology

3. meeting with an employee of Gdańsk Tech Startup School</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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