GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	English in materials engineering, PG_00058692		
Field of study	Materials Engineering		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
Education level	second-cycle studies	Subject group	Obligatory subject group in the field of study
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	3	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	dr hab. inż. Kamil Kolincio	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	30.0	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	5.0	15.0	50

Subject objectives

The aim of the course is to familiarize students with the basics of English terminology used in materials engineering and related science disciplines.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_W81] has knowledge of complex grammatical structures and diverse lexical resources needed to communicate in foreign language in terms of general and specialist language related to field of study	Studenk knows the English gammar and knows the vcablary needed for communication in this language, incuding scientiffic and engineerig issues	[SW3] Assessment of knowledge contained in written work and projects
[K7_U82] is able to proficiently obtain and process information related to field of study and academic environment in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR)	Student is able to find, verify and analyse the information from sources in English language	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
[K7_K82] is equipped to participate actively in lectures, seminars and laboratory classes conducted in foreign language	Student is able to understand and analyze lectures in English, including graphical (slides) as well as verbal contents. Student is able to ask questions regarding the lecture	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness

Subject contents

Course content – seminar
Nomenclature in scope of measurement equipment and methods and thechiques of material fabrication and examination

English vocabluary in physics, nanotechnology, and related engineering sciences

Chemical terminology, with special emphasis on solid state chemistry..

Prerequisites and co-requisites

Good command of spoken and written English.

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Preparation and active participation in classes</td><td>50.0%</td><td>33.0%</td></tr>
<tr><td>vocabluary tests</td><td>50.0%</td><td>67.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Artur Domański, Piotr Domański, English in Science and Technology. Angielski w naukach ścisłych i technicznych. Wyd. Poltext

Słownik naukowo-techniczny polsko-angielski i angielsko polski, WNT</td></tr>
<tr><td>Supplementary literature</td><td>Selected scientific papers</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Translate terms from English to Polish and vice versa.

Name three elements from the lanthanides group

Write using words sin(x) = 5</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="2">Not applicable</td></tr>
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