GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	English in materials engineering, PG_00058692		
Field of study	Materials Engineering, Materials Engineering, Materials Engineering		
Date of commencement of studies	February 2023	Academic year of realisation of subject	2023/2024
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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Instytut Nanotechnologii i Inżynierii Materiałowej -> Faculty of Applied Physics and Mathematics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Kamil Kolincio	
	Teachers	dr hab. inż. Michał Szociński dr inż. Kamil Kolincio	

Lesson types and methods of instruction

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_U81] is able to communicate with ease in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and professional environments	Student communicates in fluent english, including the language customly used in science and engineering	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
[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_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad	student is able to collaborate in a larger group. Student is able to begin and maintain a contact in English language	[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness
[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	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.
Assessment methods and criteria	

Subject passing criteria	Passing threshold	Percentage of the final grade
Preparation and active participation in classes	50.0%	33.0%
vocabluary tests	50.0%	67.0%

Recommended reading	Basic literature	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
	Supplementary literature	Selected scientific papers
	eResources addresses	Adresy na platformie eNauczanie: Język angielski w inżynierii materiałowej - Moodle ID: 33825 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=33825
Example issues/ example questions/ tasks being completed	Translate terms from English to Polish and vice versa. Name three elements from the lanthanides group Write using words sin(x) = 5	
Work placement	Not applicable	