



Subject card

Subject name and code	English in materials engineering, PG_00058692						
Field of study	Materials Engineering, Materials Engineering						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2024/2025		
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 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_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			[SK4] Assessment of communication skills, including language correctness [SK2] Assessment of progress of work		
	[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			[SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills		
	[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			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
	[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	Student knows the English grammar and knows the vocabulary needed for communication in this language, including scientific and engineering issues			[SW3] Assessment of knowledge contained in written work and projects		
	[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			[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment		

Subject contents	<p>Nomenclature in scope of measurement equipment and methods and techniques of material fabrication and examination</p> <p>English vocabulary in physics, nanotechnology, and related engineering sciences</p> <p>Chemical terminology, with special emphasis on solid state chemistry..</p>											
Prerequisites and co-requisites	Good command of spoken and written English.											
Assessment methods and criteria	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Subject passing criteria</th> <th style="width: 30%;">Passing threshold</th> <th style="width: 30%;">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>vocabulary tests</td> <td>50.0%</td> <td>67.0%</td> </tr> <tr> <td>Preparation and active participation in classes</td> <td>50.0%</td> <td>33.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	vocabulary tests	50.0%	67.0%	Preparation and active participation in classes	50.0%	33.0%
	Subject passing criteria	Passing threshold	Percentage of the final grade									
	vocabulary tests	50.0%	67.0%									
Preparation and active participation in classes	50.0%	33.0%										
vocabulary tests	50.0%	67.0%										
Preparation and active participation in classes	50.0%	33.0%										
Recommended reading	<p>Basic literature</p> <p>Artur Domański, Piotr Domański, English in Science and Technology. Angielski w naukach ścisłych i technicznych. Wyd. Poltext</p> <p>Słownik naukowo-techniczny polsko-angielski i angielsko polski, WNT</p>											
	Supplementary literature											
	Selected scientific papers											
Example issues/ example questions/ tasks being completed	eResources addresses											
	Adresy na platformie eNauczanie:											
Work placement	Not applicable											