GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	English in nanotechnology, PG_00049317		
Field of study	Nanotechnology		
Date of commencement of studies	February 2024	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	English
Semester of study	1	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. Michał Winiarski	
	Teachers	dr hab. inż. Aleksandra Mielewczyk-Gryń	

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	2.0	18.0	50

Subject objectives

The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and material science.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad	The student cooperates in international teams at the university and abroad.	[SK1] Assessment of group work skills
[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	the student has a good command of the English language.	[SU1] Assessment of task fulfilment
[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	The student communicates in the general and specialist English language, that is consistent with his / her field of study.	[SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge
K7_W09	The student uses English terms in a wide range of technical knowledge.	[SW1] Assessment of factual knowledge

Subject contents

Laboratory and measurement equipment.

English terminology in solid state physics and chemistry and nanotechnology

Nomenclature used in materials science and engineering.

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Good command of spoken and written English.</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>short tests during the semester</td><td>50.0%</td><td>34.0%</td></tr>
<tr><td>homeworks</td><td>50.0%</td><td>33.0%</td></tr>
<tr><td>final exam</td><td>50.0%</td><td>33.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Artur Domański, Piotr Domański, English in Science and Technology. Angielski w naukach ścisłych i technicznych. Wyd. Poltext</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Selected scientific papers</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Translate sentences from English to Polish and vice versa.

Give the names of the lab equipment in the material synthesis laboratory.</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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