GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Apprenticeship NANO, PG_00052083		
Field of study	Nanotechnology		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Optional subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	4	Language of instruction	Polish
Semester of study	7	ECTS credits	6.0
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 inż. Daniel Jaworski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	0.0	0

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	0	10.0	150.0	160

Subject objectives

The objective of this course is to familiarize students with the operations of enterprises and research and development units involved in nanotechnology, and to enable them to acquire practical skills in applying knowledge from the fields of materials engineering, nanomaterials, and research techniques within a professional environment.

Learning outcomes

Course outcome	Subject outcome	Method of verification
K6_K04	The student is able to work in a team, participate in the execution of joint technical and research projects, and responsibly carry out tasks associated with their specific role within a professional environment related to nanotechnology.	[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work
K6_U07	The student is able to apply economic knowledge to perform an initial assessment of the efficiency of proposed technological and organizational solutions used in enterprises or research and development units associated with nanotechnology.	[SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task
K6_K05	The student is able to communicate the results of technical and research work, collaborate within a team, and perform self-assessment as well as provide constructive evaluation of the work of others in a professional environment related to nanotechnology.	[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice

Subject contents

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
settlement of documentation	0.0%	100.0%

Recommended reading

Basic literature	not applicable

	Supplementary literature	not applicable
	eResources addresses	
Example issues/ example questions/ tasks being completed	not applicable	
Practical activites within the subject	These classes are strictly practical.	

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