GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Preparation of Scientific Publications, PG_00073391		
Field of study	Mechanical Engineering		
Date of commencement of studies	February 2026	Academic year of realisation of subject	2026/2027
Education level	second-cycle studies	Subject group	
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Division of Biomaterials Technology -> Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Michał Bartmański	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	30.0	15.0	45

E-learning hours included: 0.0

eNauczanie source address: https://enauczanie.pg.edu.pl/2025/course/view.php?id=9100

Moodle ID: 9100 Preparation of Scientific Publications
https://enauczanie.pg.edu.pl/2025/course/view.php?id=9100

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	45	5.0	20.0	70

Subject objectives

The aim of the course is to develop skills in preparing scientific publications in English, particularly in searching and analyzing literature, structuring a scientific paper, formulating scientific content, and using specialist language correctly.

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	Collaborates within a team in preparing and editing a scientific publication in English.	[SK4] Assessment of communication skills, including language correctness
[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	Uses specialist vocabulary and language structures characteristic of scientific publications in mechanical engineering.	[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	Formulates scientific and technical content in English in accordance with the principles of academic communication.	[SU1] Assessment of task fulfilment
[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)	Retrieves, analyzes, and uses English-language scientific sources related to mechanical engineering.	[SU1] Assessment of task fulfilment

<table>
<tr><td>Subject contents</td><td>Course content – project

Prezentacja i dyskusja założeń oraz kolejnych etapów przygotowywanej publikacji. Analiza przykładowych artykułów naukowych, ocena poprawności struktury, argumentacji i języka naukowego. Prezentacja własnych wyników, dyskusja w grupie, wzajemna ocena przygotowanych materiałów oraz doskonalenie komunikacji naukowej w języku angielskim.

Course content – seminar

Presentation and discussion of the assumptions and subsequent stages of the scientific publication being prepared. Analysis of selected scientific papers, evaluation of their structure, argumentation, and scientific language. Presentation of individual results, group discussion, peer review of prepared materials, and development of scientific communication skills in English.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Report</td><td>56.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>Scientific literature databases: Web of Science, Scopus, Google Scholar.
Reference management software: Mendeley, Zotero, EndNote.
Author guidelines of selected scientific journals.
COPE materials on publication ethics.</td></tr><tr><td>Supplementary literature</td><td>-</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>• Structure and organization of a scientific publication.
• Searching and critical analysis of scientific literature.
• Scientific language and technical terminology in English.
• Preparation of individual sections of a scientific paper.
• Citation, publication ethics, and manuscript preparation for journal submission.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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