

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00065681							
Field of study	Mechanical Engineering							
Date of commencement of studies	February 2024		Academic year of realisation of subject		2024/2025			
Education level	second-cycle studies		Subject group					
Mode of study	Full-time studies		Mode of delivery			at the university		
Year of study	2		Language of instruction		Polish			
Semester of study	3		ECTS credits		4.0			
Learning profile	general academic profile		Assessmer	essment form		assessment		
Conducting unit	Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Bogdan Ścibiorski					
	Teachers		dr inż. Bogdan Ścibiorski					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project Seminar		Seminar	SUM
	Number of study hours	30.0	20.0	0.0	0.0	.0 0.0		50
	E-learning hours included: 0.0							
earning activity Learning activity Participation classes inclu- nd number of study hours		Participation in classes includ plan	n didactic Participation in led in study consultation hou		n ours	Self-study		SUM
	Number of study hours	50		10.0		40.0		100
Subject objectives	To familiarize participants with the principles of creating, reviewing, and publishing scientific articles in the field of technical sciences, with particular emphasis on linguistic, methodological, and ethical correctness.							

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	Exhibits the ability to communicate fluently in a foreign language at the B2+ level, enabling seamless presentation of research findings at international conferences and in scientific publications. Can accurately formulate complex written statements, such as abstracts or article chapters, using specialized technical terminology in a foreign language.	[SU3] Assessment of ability to use knowledge gained from the subject			
	[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)	Is able to use foreign-language databases and literature to the extent necessary for analyzing and understanding information relevant to preparing scientific articles in the field of technical sciences. Is capable of synthesizing content obtained from various foreign- language sources and incorporating it into one's own work, maintaining correct terminology and adhering to formal requirements.	[SU2] Assessment of ability to analyse information			
	[K7_U02] is able to communicate in English in professional matters within the area of technical science and, particularly, of construction and operation of machines	Can communicate in English on professional matters related to machine construction and operation, which includes writing reviews of research articles and corresponding with journal editors. Effectively conducts discussions and presents arguments on technical science issues in an international environment.	[SU3] Assessment of ability to use knowledge gained from the subject			
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	Can explain why understanding social and ethical factors (e.g., plagiarism, conflict of interest) is essential in the scientific publication process. Demonstrates how utilizing knowledge of ethics, economics, or law supports the reliability and transparency of scientific research.	[SK5] Assessment of ability to solve problems that arise in practice			
Subject contents	This course offers a detailed discussion of the structure of a scientific article, including the abstract, introduction, methodology, results, discussion, and conclusions. It outlines the principles of technical writing emphasizing clarity, precision, and adherence to style guidelines. The course also covers literature selection and citation rules, provides an overview of the peer-review process, and offers guidance on selecting appropriate journals for publication. Ethical issues such as plagiarism, conflict of interest, and data integrity are also addressed.					
Drawawieł	dratt texts, and preparing publication requirements.	proposals for selected journals in ac	ccordance with their editorial			
and co-requisites						
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade			
	discussions	60.0%	50.0%			
	presentations	00.0%	50.0%			
Recommended reading	Basic literature Piotr Siuda, Piotr Wasylczyk: Publikacje naukowe. Pra dla studentów, doktorantów i nie tylko, Warszawa, 201 Tomasz Liśkiewicz, Grzegorz Liśkiewicz: Wprowadzer efektywnego publikowania naukowego, Publikacja Am 2014		acje naukowe. Praktyczny poradnik ko, Warszawa, 2018 wicz: Wprowadzenie do ego, Publikacja Amber Editing, Łódż			
	Supplementary literature	Joshua Schimel Writing Science: How to Write Papers That Get Cited and Proposals That Get Funded				
	Resources addresses Adresy na platformie eNauczanie:					

Example issues/ example questions/ tasks being completed	 The structure of a scientific article (abstract, introduction, methodology, results, discussion, conclusion) Principles of technical writing style, precision, terminology Literature selection and citation methods (e.g., APA, IEEE) The peer-review process stages and reviewer requirements Choosing the right journal indices, impact factor, readership scope Publication ethics plagiarism, conflict of interest, data integrity Methods for presenting results (tables, charts, illustrations, schematics) Preparing a manuscript for publication and formatting according to editorial guidelines The role of co-authors and inter-institutional collaboration in scientific publications Hands-on workshops for writing and reviewing selected parts of scientific articles
Work placement	Not applicable

Document generated electronically. Does not require a seal or signature.