



Subject card

Subject name and code	, PG_00065431						
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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Paweł Ziółkowski					
	Teachers	dr inż. Paweł Ziółkowski					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	5.0	0.0	0.0	0.0	15
	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	15	15.0		70.0	100	
Subject objectives	Introduce different forms of presentation of research results so that the student is able to present his/her own research results, both experimental and numerical.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications	When preparing a presentation, the student uses general knowledge in the humanities or social sciences or economic or legal sciences covering their foundations and applications to demonstrate the validity of his/her research. With reference to this knowledge, he/she indicates the motivations for his/her work.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
	[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	The student is able to explain the need to use knowledge from the humanities to prepare a scientific presentation. In addition, the student is able to explain the need to use knowledge from the social sciences to indicate the need for ongoing research.	[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness
	[K7_K04] is able to establish professional contacts and is able to lead and work in a team assuming various roles in the team; is able to show resourcefulness and innovation when realizing professional projects	The student is able to establish professional contacts during events such as conferences and scientific internships. In addition, the student is able to demonstrate entrepreneurship and innovation in the implementation of professional projects in, inter alia, the connection of medical (biological materials) and thermodynamic (heat generation and conduction) issues.	[SK3] Assessment of ability to organize work [SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills
[K7_K01] is aware of the need for complementing the knowledge throughout the whole life, is able to select proper methods of teaching and learning	The student is aware of the need to supplement knowledge throughout life. Moreover, the student is able to select appropriate methods of teaching himself/herself and others, among others, by cooperating in an interdisciplinary team and preparing presentations in a way that is comprehensible for the whole research group.	[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work [SK1] Assessment of group work skills	
Subject contents	The content of the course is to indicate the methods of presentation of results, in particular: 1. the motivation and specific purpose of the scientific/engineering work 2. methodology of conducted research 3. experimental and numerical results 4. reaching conclusions and recommendations		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	working on exercises	60.0%	100.0%
Recommended reading	Basic literature	T. Hindle: Sztuka prezentacji Wydawnictwo Wiedza i Życie, 2000	
	Supplementary literature	webpages	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Preparation of motivation Presentation of results Drawing conclusions		
Work placement	Not applicable		

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