



## Subject card

Subject name and code	Diploma Seminar, PG_00064947						
Field of study	Mechanical Engineering						
Date of commencement of studies	February 2025		Academic year of realisation of subject		2025/2026		
Education level	second-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Part-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish Polish		
Semester of study	3		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Zakład Ekoinżynierii i Silników Spalinowych -> Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Janusz Cieśliński				
	Teachers						
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	18.0	18
	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	18		4.0		28.0	50
Subject objectives	Presentation of progress in preparing the diploma thesis. The goal is also to develop a student's essay ability to present achieved results and publicly discuss/defend the proposed results solutions						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_K11] is aware of importance of professional acting, the need for critical verification of acquired knowledge and consulting experts opinion in case of facing difficulties with individual problem solving		The student demonstrates knowledge of responsibility for the prepared technical solution		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_U14] integrates information obtained from literature and other properly selected sources, including those in a foreign language, creatively interpreting and critically evaluating them, and drawing conclusions		The student demonstrates a critical ability to use multiple sources of information.		[SU4] Assessment of ability to use methods and tools		
	[K7_K12] is ready for fulfilling social commitment and initiation of actions for public interest including entrepreneurial thinking and acting		The student demonstrates knowledge of the interdependence between the proposed technical solutions and their impact on human life		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_U11] communicates and justifies opinions on specialized topics in a manner understandable to diverse audiences, including the use of modern techniques, including information technology		The student is able to explain the choice of the proposed technical solution		[SU2] Assessment of ability to analyse information		
Subject contents	Paper I (presentation I): plan and methodology of experimental research or plan and methodology of calculations and concepts for solving a research, computational or construction problem. Progress presentation research, calculation or design; Paper II (presentation II): presentation of the final results of the diploma thesis in the required form during the defense of the diploma thesis.						
Prerequisites and co-requisites	Knowledge in the areas of thermomechanics, fluid mechanics, heat transfer and heat exchangers						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation II	50.0%	50.0%
	Presentation I	50.0%	50.0%
Recommended reading	Basic literature	1. Dereń A.M., Gajek L., Zygađło J.: Własność intelektualna i przemysłowa w prawie międzynarodowym, europejskim i krajowym. Wyd. Politechniki Wrocławskiej, Wrocław 1998. 2. Wasylczyk P.: Prezentacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko. PWN, 2017. 3. Lindsay D.: Dobre rady dla piszących teksty naukowe. Wyd. Politechniki Wrocławskiej, Wrocław 1995. 4. Kenny P.: Panie Przewodniczący, Panie, Panowie... Wyd. Politechniki Wrocławskiej, Wrocław 1995. 5. Adamkiewicz W.: Seminarium dyplomowe. Wyd. WSM, Gdynia 1985	
	Supplementary literature	Dąbrowski Ł.: Tajniki wystąpień publicznych. 101 porad dla prezenterów. Wyd. Onepress, 2012	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	The questions depend on the topic presented. Tasks performed: preparation of a multimedia presentation, presentation of research results and discussion.		
Work placement	Not applicable		

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