



Subject card

Subject name and code	Diploma Seminar, PG_00059395						
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		Optional subject group		
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	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_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 analyze market needs. He is open to innovation.	[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 supplementing knowledge, can choose the right teaching methods yourself and others	[SK5] Assessment of ability to solve problems that arise in practice
	[K7_U04] is able to prepare and present a presentation of a solution of a construction or technological task and results of performed experiments including the analysis of the results and possible changes in Polish or in a foreign language, is able to organize and manage the work of a team, directing the tasks	The student understands the meaning and team leader position. He can be assertive.	[SU5] Assessment of ability to present the results of task
	[K7_U01] is able to acquire information from specialist literary sources and other sources regarding the construction and operation of machines and related disciplines in polish and in a foreign language, is able to conduct a self-learning process, is able to synthesize the information, form conclusions and justify opinions	The student can be critical use information and databases data, in particular websites.	[SU3] Assessment of ability to use knowledge gained from the subject
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
		56.0%	100.0%
Recommended reading	Basic literature	1. Dereń A.M., Gajek L., Zygałło 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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