



Subject card

Subject name and code	Diploma seminar , PG_00064779						
Field of study	Power 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		
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			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Zakład Ogrzewnictwa, Wentylacji, Klimatyzacji i Chłodnictwa -> Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Jan Wajs				
	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	30.0	30
	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	30		4.0		16.0	50
Subject objectives	The aim of the subject is to monitor progress in diploma activities.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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		creates a presentation with the results of the diploma thesis, discusses these results and summarizes		[SU5] Assessment of ability to present the results of task		
	[K7_W13] explains the main principles of individual and teamwork organization, including various forms of entrepreneurship utilizing knowledge from the field of engineering and technical sciences and disciplines relevant to the course of study		is able to make contact professional and it is lead in state and work in group accepting in it different role; sets priorities for the successful completion of the diploma thesis		[SW1] Assessment of factual knowledge		
	[K7_K12] is ready for fulfilling social commitment and initiation of actions for public interest including entrepreneurial thinking and acting		is able to exert enterprise and in realization of professional project innovative, also taking into account its non-technical aspects		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_U12] develops her/his own potential and independently plans own, lifelong learning, while also being able to guide others in this regard		has consciousness of requirement of refilling of knowledge by whole life; selects appropriate methods for teaching oneself and others; selects a bibliography for the technical problems being solved		[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
Subject contents	Basic information on intellectual property in national levels. Guidelines for writing master's theses. Individual student's work related to the preparation of the subsequent stages of the thesis, the results are presented and evaluated during the seminar.						
Prerequisites and co-requisites	Thermodynamics, Fluid mechanics, Heat Transfer And Heat Exchangers, Refrigeration, Air Conditioning, Heat Pumps, Polygeneration systems						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Preparation and delivery of presentations		60.0%		100.0%		

Recommended reading	Basic literature	1. Yvonne N. Bui, How to write a master's thesis. SAGE Publications Inc, 2019, ISBN: 1506336094 2. Literature consistent with the topic of the thesis.
	Supplementary literature	Dąbrowski Ł.: Tajniki wystąpień publicznych. 101 porad dla prezenterów. Wyd. Onepress (in Polish)
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	What is the aim of the thesis? What kind of research is being conducted? Presentation of the results and discussion	
Work placement	Not applicable	

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