



Subject card

Subject name and code	Diploma Seminar, PG_00059395						
Field of study	Mechanical Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
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		
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	prof. dr hab. inż. Janusz Cieśliński dr inż. Bartosz Dawidowicz					
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_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_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_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 is able to critically use information and databases, especially online ones.	[SU2] Assessment of ability to analyse information
[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 importance and position of a team leader. He can be assertive.	[SU5] Assessment of ability to present the results of task	
Subject contents	Basic information on intellectual property in European and national law. Individual student's work related to the preparation of subsequent stages of the diploma thesis, the results of which are presented and assessed during seminar classes.		
Prerequisites and co-requisites	Applied thermodynamics, fluid mechanics, heat transfer		
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., Zygałto 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: Seminarium dyplomowe - Moodle ID: 38717 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=38717	
Example issues/ example questions/ tasks being completed	Questions are dependent on the topic presented. Tasks carried out: preparation of a multimedia presentation, presentation of research results and discussion.		
Work placement	Not applicable		