

## Subject card

Subject name and code	DIPLOMA THESIS, PG_00049613								
Field of study	Automation, Robotics and Control Systems								
Date of commencement of									
studies	COLONGI ZUZT		Academic year of realisation of subject			2025/2026			
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			20.0			
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Department of Electrical Power Engineering -> Faculty of Electrical and Control Engineering								
Name and surname	Subject supervisor	dr inż. Anna Golijanek-Jędrzejczyk							
of lecturer (lecturers)	Teachers								
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Project		Seminar	SUM	
of instruction	Number of study hours	0.0	0.0	0.0	0.0		0.0	0	
	E-learning hours included: 0.0								
	Adresy na platformie eNauczanie:								
Learning activity and number of study hours	Learning activity	Participation in classes include plan		Participation in consultation hours		Self-study		SUM	
	Number of study hours	0		19.0		481.0		500	
Subject objectives	Preparation of the thesis								
Learning outcomes	Course outcome		Subject outcome			Method of verification			
	[K7_U03] is able to prepare and deliver a presentation on the results of an engineering task and own research								
	[K7_W14] has knowledge of mathematical modelling, identification, optimisation, decision suport decision-making and control, knows methods of implementing advanced control algorithms in industrial equipment								
	[K7_U01] is able to obtain information from literature, databases and other sources, to integrate information obtained information, interpret and draw conclusions and substantiate opinions in a comprehensive manner		The student is preparing a thesis. Organizes measurement, design and research work. Performs the necessary technical calculations, analyzes and comparisons.			[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information			
Subject contents	The law requirements for obtaining a university diploma, the organization of personal research work, requirements for the thesis, its defense and final exam. The preparation of the thesis, the proper composition of publication, the development of the sources in the technical literature related to the themes of work, the procedure of the technical writing, editorial preparation of publications. Prepare a multimedia presentation.								
Prerequisites and co-requisites	Registration on the diploma semester.								
Assessment methods	Subject passin	Subject passing criteria		Passing threshold			Percentage of the final grade		
and criteria	Project		100.0%			100.0%			

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Recommended reading	Basic literature	<ol> <li>Maćkiewicz J.: Jak pisać teksty naukowe. Gdańsk, Wydawnictwo Uniwersytetu Gdańskiego, 1996.</li> <li>Oliver P.: Jak pisać prace uniwersyteckie. Poradnik dla studentów. Kraków, Wydawnictwo Literackie, 1999.</li> <li>S. Hausman S.: Informacje dla dyplomantów przygotowujących dysertacje magisterskie. http://www.eletel.p.lodz.pl/docs/dyplomy/inf_sh_2007.pdf</li> </ol>			
	Supplementary literature	None			
	eResources addresses				
Example issues/ example questions/ tasks being completed	<ol> <li>Collecting literature on the subject of the thesis.</li> <li>Analysis of the possibilities and adoption of a solution to the problem posed in the thesis.</li> <li>Implementation of the design part of the diploma thesis.</li> </ol>				
	4. Preparation of the descriptive part of the diploma thesis.				
Work placement	Not applicable				

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