



## Subject card

Subject name and code	Diploma seminar, PG_00064806						
Field of study	Mechatronics						
Date of commencement of studies	February 2026		Academic year of realisation of subject		2026/2027		
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	Division of Mechatronics -> Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Krzysztof Kaliński				
	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	Mastering the skills of developing a master's thesis and preparing, presenting and discussing its presentation.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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 studies and critically analyzes domestic and international solutions in the field of mechatronics.		[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject		
	[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 presents the subject matter and results of his work in a professional and understandable way, while understanding the need for its critical verification.		[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills		
	[K7_K12] is ready for fulfilling social commitment and initiation of actions for public interest including entrepreneurial thinking and acting		The student presents the topics and results of his/her work, taking into account the social mission, public interest and aspects of entrepreneurship.		[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness		
	[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 verifies the results of his/her work based on a discussion on the topic of the presentation.		[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject		
Subject contents	General rules for performing a master's thesis. Selection and use of sources for work. Formal page of the work: correct language, table of contents, list of literature, references. Rules for preparing a presentation regarding a master's thesis. Rules for presenting the main assumptions and theses of the completed master's thesis.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation of the diploma thesis	50.0%	75.0%
	Active in discussions	0.0%	25.0%
	Attendance at the seminar	100.0%	0.0%
Recommended reading	Basic literature	No requirements	
	Supplementary literature	Current regulations and regulations regarding the diploma process at GUT and WIMiO	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Related to the topics of current presentations, in particular: - integration of basic mechatronics components, i.e. mechanics, electronics, IT and automation; - use of at least one of the mechatronic design techniques, e.g. virtual prototyping.		
Work placement	Not applicable		

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