



Subject card

Subject name and code	Diploma seminar, PG_00064804						
Field of study	Mechatronics						
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 Mechatroniki -> Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology						
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	Acquiring knowledge on master thesis elaboration and preparing, explaining and discussing on the thesis.						
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	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		
	[K7_K12] is ready for fulfilling social commitment and initiation of actions for public interest including entrepreneurial thinking and acting	The student presents the topic and the 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_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 topic and results of your work in a way professional and understandable, with at the same time 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		
Subject contents	General rules for the master elaboration performance.Choice and usage of sources for master elaboration performance.Formal aspects of the elaboration: language standard, contents, biography, references.Rules for preparing master elaboration presentation.Rules for referring the main assumptions and theses of performed master elaboration						
Prerequisites and co-requisites	not required						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presence at the seminar	100.0%	0.0%
	Master thesis' presentation	50.0%	75.0%
	Activity (discussions) during seminar	0.0%	25.0%
Recommended reading	Basic literature	No requirements	
	Supplementary literature	Current regulations concerning principles for obtaining the diploma atGUT and FoMEaST	
	eResources addresses	Adresy na platformie eNauczenie:	
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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