



Subject card

Subject name and code	Diploma seminar, PG_00057037						
Field of study	Mechatronics						
Date of commencement of studies	February 2022	Academic year of realisation of subject			2022/2023		
Education level	second-cycle studies	Subject group			Optional subject group Subject group related to scientific research in the field of study		
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		prof. dr hab. inż. Krzysztof Kaliński				
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						
	Seminarium Dyplomowe, S, MTR IIst, sem.03, letni 2022/23(00057037) - Moodle ID: 30084 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30084						
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_K02] understand the need for formulating and communicate to the society information and opinions concerning mechatronic achievements and non-technical aspects of mechatronics engineer work; makes effort to communicate these information and opinions in widely understandable manner, representing various points of view	The student presents the subject and the results of your work in understandable way.	[SK4] Assessment of communication skills, including language correctness
	[K7_K04] is aware of importance of professional and creative performance, obeying the ethical rules and respecting opinion and cultural diversity	The student presents the subject and the results of your work in a professional and understandable manner, while respecting the principles of ethics and respect for diversity.	[SK1] Assessment of group work skills
	[K7_U02] potrafi przygotować opracowanie naukowe w języku polskim i krótkie doniesienie naukowe w języku obcym dotyczące szczegółowych zagadnień z zakresu Mechatroniki, a także – dziedzin nauk technicznych i dyscyplin naukowych: Inżynieria Mechaniczna oraz Automatyka, Elektronika i Elektrotechnika, i pokrewnych, właściwych dla mechatroniki, przedstawiające wyniki własnych badań naukowych	The student presents the results own research of the nature scientific.	[SU5] Assessment of ability to present the results of task
	[K7_U03] makes use of English language at the level allowing comprehensive reading of scientific reports concerning mechatronic systems and mechatronic design	The student uses solutions on an international scale in range of systems mechatronic and mechatronic design.	[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
[K7_U01] is able to acquire information from the literature, data bases and other properly selected sources, including English ones (or other foreign language recognised as international communication language in mechatronics); is able to integrate acquired information, interpret and critically evaluate them, draw and formulate conclusions and justified opinions, also with the use of modern techniques, e.g. IT	The student studies and analyzes national and international solutions for mechatronics.	[SU3] Assessment of ability to use knowledge gained from the subject	
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
	Master thesis' presentation	50.0%	75.0%
	Presence at the seminar	100.0%	0.0%
	Activity (discussions) during seminar	0.0%	25.0%
Recommended reading	Basic literature	No requirements	
	Supplementary literature	Current regulations concerning principles for obtaining the diploma at GUT and FoMEaST	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Not applicable		

Work placement	Not applicable
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