GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma seminar, PG_00064806		
Field of study	Mechatronics		
Date of commencement of studies	February 2027	Academic year of realisation of subject	2027/2028
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 -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Krzysztof Kaliński	
	Teachers		

Lesson types

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_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.	[SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task
[K7_K12] is ready for fullfiling social commitement and initation 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.	[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice
[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.	[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness [SK2] Assessment of progress of work
[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.	[SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task

Subject contents

Course content – seminar

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

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Attendance at the seminar</td><td>100.0%</td><td>0.0%</td></tr>
<tr><td>Active in discussions</td><td>0.0%</td><td>25.0%</td></tr>
<tr><td>Presentation of the diploma thesis</td><td>50.0%</td><td>75.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>No requirements</td></tr>
<tr><td>Supplementary literature</td><td>Current regulations and regulations regarding the diploma process at GUT and WIMiO</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">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.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="2">Not applicable</td></tr>
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