GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma Seminar, PG_00064865		
Field of study	Mechanical Engineering		
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 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	Division of Machine Design and Medical Engineering -> 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. Andrzej Seweryn	
	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

- creating self-discipline and systematic work on the task being the aim of the thesis;
- learning to create professional presentations;
- the education of the ability to publicly present the progress and results of their work;
- active participation in the substantive discussion on the presentation;
- mobilization for timely submission of the diploma thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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 is able to: identify situations requiring a professional approach and independent analysis; critically evaluate their own knowledge in the context of a specific problem; formulate queries and seek expert opinions in the event of difficulties in solving a problem.	[SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work
[K7_K12] is ready for fullfiling social commitement and initation of actions for public interest including entrepreneurial thinking and acting	The student is able to: identify social needs and formulate objectives for activities in the public interest; initiate and implement social projects using entrepreneurial thinking and action; make responsible decisions and engage in activities for the benefit of local and global communities.	[SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice
[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 is able to: search, select and integrate information from literature and other appropriately selected sources, also in a foreign language; critically assess the value and credibility of collected data; formulate conclusions and creatively interpret information in the context of a given problem.	[SU2] Assessment of ability to analyse information
[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 is able to: formulate and justify opinions on specialist issues in a clear, precise manner that is adapted to various audiences; prepare presentations, reports and other forms of communication using modern IT tools and techniques; conduct substantive discussions, taking into account the perspective of audiences with different levels of specialist knowledge.	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools

Subject contents

Course content – seminar

The paper I (the presentation I): plan and methodology of experimental research or plan and methodology of calculations and concepts of solving research, computational or structural problem. Presentation of research, calculation or design progress;

The paper II (the presentation II): presentation of the final results of the diploma dissertation in the form required during the defense of the diploma thesis.

<table>
<tr><td>Prerequisites and co-requisites</td><td>1) participation in classes;

2) reporting on the progress of work - each semester each student reports twice;

- paper I (presentation I): plan and methodology of experimental research or plan and methodology of calculations and concepts of solving a research, computational or construction problem. Progress presentation research, calculation or design;

- paper II (presentation II): presentation of the final results of the diploma thesis in the required form during the defense of the thesis.

3) positive evaluation of each paper;

4) evaluation of each paper on a scale of 0-100 points, where the minimum necessary to pass is 56 points;

5) the final grade of the seminar is the average of partial grades. The prerequisite for passing the seminar in semester III is the completion of a diploma thesis at least 90% confirmed by the promoter.</td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Presentations and progress in the master's thesis</td><td>56.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>The literature is individually selected by the student for the completed thesis.</td></tr><tr><td>Supplementary literature</td><td>The literature is individually selected by the student for the completed thesis.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>preparing a presentation</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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