



Subject card

Subject name and code	Diploma Thesis, PG_00037264										
Field of study	Technical Physics										
Date of commencement of studies	October 2023	Academic year of realisation of subject		2026/2027							
Education level	first-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	4		Language of instruction		Polish						
Semester of study	7		ECTS credits		16.0						
Learning profile	general academic profile		Assessment form		assessment						
Conducting unit	Institute of Physics and Applied Computer Science -> Faculty of Applied Physics and Mathematics -> Faculties of Gdańsk University of Technology										
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marcin Dampc								
	Teachers										
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM				
	Number of study hours	0.0	0.0	0.0	30.0	0.0	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		10.0		360.0	400				
Subject objectives	Research and scientific works being the basis of engineering diploma. Preparation of an engineering diploma.										

Learning outcomes	Course outcome	Subject outcome	Method of verification									
	[K6_U10] Can determine their own study field interests and develop them.	The student can identify areas of interest related to their field of study and actively develop their knowledge and skills in the chosen domain.	[SU3] Assessment of ability to use knowledge gained from the subject									
	[K6_W10] Has knowledge of ethics in science and technology, industrial property protection and copyright protection. Can use patent information resources.	The student possesses basic knowledge of the ethical aspects of scientific and technological activities, intellectual property protection, and copyright law, and can utilize patent information resources.	[SW1] Assessment of factual knowledge									
	[K6_U02] Can analyze and solve simple scientific and technical problems, based on possessed knowledge, using analytical, numerical, simulation and experimental methods.	The student demonstrates the ability to independently analyze and solve standard scientific and technical problems by applying appropriate analytical, numerical, simulation, and experimental methods, grounded in acquired theoretical and practical knowledge	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools									
	[K6_K05] Can present own work results, transfer information in a commonly understandable manner, communicate and self-evaluate, as well as constructively evaluate the effects of other persons' work.	The student can present the outcomes of their work clearly and intelligibly, communicate effectively with audiences of varying backgrounds, engage in critical self-assessment, and provide objective and constructive evaluation of the work produced by others.	[SK4] Assessment of communication skills, including language correctness									
	[K6_U01] Can learn independently, obtain information from literature, databases and other properly selected sources.	The student can independently manage their learning process and effectively acquire and critically evaluate information from scholarly literature, databases, and other relevant and reliable academic sources.	[SU1] Assessment of task fulfilment									
Subject contents	Course content – project This subject is a graduate work under the supervision of the supervisor on an engineering project.											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1"> <thead> <tr> <th>Subject passing criteria</th> <th>Passing threshold</th> <th>Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>Assessment of the diploma thesis</td> <td>65.0%</td> <td>100.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Assessment of the diploma thesis	65.0%	100.0%			
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Recommended reading	<table> <tr> <td>Basic literature</td> <td colspan="2">Basic literature is provided in the description of the individual proposed topics of engineering works.</td> </tr> <tr> <td>Supplementary literature</td> <td colspan="2">It will be given individually by the thesis supervisor.</td> </tr> <tr> <td>eResources addresses</td> <td colspan="2"></td> </tr> </table>			Basic literature	Basic literature is provided in the description of the individual proposed topics of engineering works.		Supplementary literature	It will be given individually by the thesis supervisor.		eResources addresses		
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Example issues/ example questions/ tasks being completed												
Practical activites within the subject	Not applicable											

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