GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	MSc Diploma Thesis I, PG_00048804		
Field of study	Electronics and Telecommunications		
Date of commencement of studies	February 2026	Academic year of realisation of subject	2026/2027
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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department Of Decision Systems And Robotics -> Faculty Of Electronics Telecommunications And Informatics -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Grzegorz Lentka	

	Teachers	dr hab. inż. Waldemar Jendernalik dr hab. inż. Piotr Szczuko dr hab. inż. Krzysztof Nyka dr hab. inż. Jacek Jakusz dr hab. inż. Adam Lamęcki dr inż. Maciej Sac dr inż. Arkadiusz Szewczyk dr inż. Andrzej Marczak dr inż. Andrzej Kwiatkowski dr inż. Adam Mazikowski dr inż. Grzegorz Jasiński dr inż. Sławomir Gajewski dr inż. Miron Kłosowski dr inż. Michał Kowalewski dr inż. Małgorzata Gajewska dr inż. Maciej Wróbel prof. dr hab. inż. Bożena Kostek prof. dr hab. inż. Janusz Smulko dr inż. Piotr Sypek dr inż. Stanisław Galla dr inż. Marek Tatara dr inż. Arkadiusz Harasimiuk dr hab. inż. Piotr Kowalczyk dr inż. Katarzyna Karpienko prof. dr hab. inż. Andrzej Czyżewski dr inż. Sylwia Babicz-Kiewlicz dr inż. Wojciech Siwicki dr inż. Jarosław Magiera dr inż. Karolina Marciniuk dr inż. Magdalena Młynarczuk dr inż. Marcin Narloch dr inż. Mariusz Dzwonkowski dr inż. Mateusz Ficek dr inż. Piotr Odya dr inż. Piotr Rajchowski dr inż. Bartosz Czaplewski dr hab. inż. Józef Kotus dr hab. inż. Iwona Kochańska dr hab. inż. Łukasz Kulas dr inż. Jan Schmidt

	prof. dr hab. inż. Małgorzata Szczerska dr hab. inż. Marek Blok dr hab. inż. Marek Wójcikowski dr hab. inż. Paweł Wierzba dr hab. inż. Grzegorz Szwoch dr hab. inż. Rafał Lech dr hab. inż. Grzegorz Lentka dr hab. inż. Robert Bogdanowicz dr hab. inż. Henryk Lasota dr hab. inż. Sławomir Ambroziak dr hab. inż. Bogdan Pankiewicz dr hab. inż. Sylwester Kaczmarek dr hab. inż. Jacek Marszal dr hab. inż. Zbigniew Czaja dr hab. inż. Jarosław Sadowski

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	0.0	0

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	0	30.0	95.0	125

Subject objectives

Finalisation of the master thesis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K02] is ready to provide critical evaluation of received content and to acknowledge the importance of knowledge in solving cognitive and practical problems	The student is critical of the received content. Understands the role of science in solving cognitive and technical problems.	[SK5] Assessment of ability to solve problems that arise in practice
[K7_U08] while identifying and formulating engineering tasks specifications and solving these tasks, can: - apply analytical, simulation and experimental methods, - notice their systemic and non-technical aspects, - make a preliminary economic assessment of suggested solutions and engineering work	Student is able to formulate problems, analyze them and use analytical, simulation and experimental methods to solve them. He perceives his role in society and knows his responsibility for the non-technical effects of his activity.	[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information
[K7_K03] is ready to meet social obligations, inspire and organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way	The student is prepared to perform professional functions in the social interest. Is able to organize and initiate activities for the public interest and development of entrepreneurship.	[SK5] Assessment of ability to solve problems that arise in practice
[K7_U10] can individually plan and pursuit their own lifelong education and influence others in this aspect, also by means of advanced information and communication technologies (ICT), and communicate on specialist issues with diverse recipients, appropriately justify points of view, hold debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication	Student prepares documentation for developed by themselves solution for a technical problem, documenting research and design.	[SU5] Assessment of ability to present the results of task

<table>
<tr><td>Subject contents</td><td colspan="3">Student proposes a solution to the formulated problem, selects the necessary tools and codes, configures their environment, plans and carries out experiments to evaluate the proposed solution, as well as prepares the final version of the master thesis.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">no requirements</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Acceptance of the final manuscript.</td><td>50.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Depends on the subject of the thesis.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">No requirements</td></tr>
<tr><td>eResources addresses</td><td colspan="2">Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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