GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

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| Subject name and code | MSc Diploma Thesis, PG_00048028 | | |
| Field of study | Informatics | | |
| Date of commencement of studies | February 2023 | Academic year of realisation of subject | 2023/2024 |
| Education level | second-cycle studies | Subject group | Optional subject group<br>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 Computer Communications -> Faculty of Electronics, Telecommunications and Informatics | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr hab. inż. Agnieszka Landowska | |

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| | Teachers | dr hab. inż. Robert Janczewski<br>dr hab. inż. Piotr Szczuko<br>dr inż. Krzysztof Manuszewski<br>dr inż. Piotr Odya<br>dr inż. Krzysztof Gierłowski<br>dr inż. Michał Hoeft<br>dr inż. Krzysztof Nowicki<br>dr inż. Magdalena Mazur-Milecka<br>dr hab. inż. Julian Szymański<br>dr inż. Mariusz Szwoch<br>dr hab. inż. Paweł Czarnul<br>dr inż. Mariusz Matuszek<br>dr hab. inż. Marcin Kulawiak<br>dr hab. inż. Marek Moszyński<br>dr Paweł Weichbroth<br>dr Paweł Obszarski<br>dr hab. inż. Michał Małafiejski<br>prof. dr hab. inż. Bożena Kostek<br>dr inż. Jerzy Demkowicz<br>dr inż. Agata Kołakowska<br>prof. dr hab. inż. Andrzej Czyżewski<br>dr inż. Jakub Miler<br>prof. dr hab. inż. Krzysztof Goczyła<br>dr inż. Jacek Lebiedź<br>dr inż. Andrzej Wardziński<br>dr inż. Tomasz Boiński<br>dr hab. Marcin Ciecholewski<br>dr Adam Przybyłek<br>dr inż. Teresa Zawadzka<br>dr hab. inż. Zbigniew Łubniewski<br>dr hab. inż. Agnieszka Landowska<br>dr inż. Wioleta Szwoch<br>dr inż. Aleksander Jarzębowicz<br>dr inż. Tomasz Dziubich<br>dr inż. Adam Kaczmarek<br>dr hab. inż. Joanna Szłapczyńska<br>dr inż. Wojciech Waloszek<br>dr inż. Aleksandra Karpus<br>dr inż. Wojciech Gumiński<br>dr inż. Daniel Węsierski |

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| | dr Magdalena Godlewska<br>dr inż. Arkadiusz Harasimiuk<br>dr inż. Michał Wróbel<br>dr inż. Sebastian Cygert<br>dr hab. inż. Tomasz Stefański<br>dr inż. Piotr Fiertek |

**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**

Preparation and presentation of the M. Sc. diploma 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_W03] Knows and understands, to an increased extent, the construction and operating principles of components and systems related to the field of study, including theories, methods and complex relationships between them and selected specific issues - appropriate for the curriculum. | | |
| [K7_U08] while identifying and formulating engineering tasks specifications and solving these tasks, can:n- apply analytical, simulation and experimental methods,n- notice their systemic and non-technical aspects,n- make a preliminary economic assessment of suggested solutions and engineering workn | Student knows and can apply in practice analytical, simulative and experimental procedures related to information technology. Recognizes their non-technical, especially socio-economic aspects.. | [SU4] Assessment of ability to use methods and tools<br>[SU1] Assessment of task fulfilment |
| [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 knows and understands the need for life-long learning. Recognizes the need to keep abreast of the technology and environmental changes. Knows the principles of scientific arguing and applies them in practice. Knows relevant specialist terminology and is able to present arguments in public. Is able to use modern means of communication and information. | [SU2] Assessment of ability to analyse information |

**Subject contents**

Preparation of M. Sc. diploma thesis.

**Prerequisites and co-requisites**

none

**Assessment methods and criteria**

| Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|
| final version of the M.Sc. thesis | 50.0% | 100.0% |

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| Recommended reading | Basic literature | Diploma regulations at the Faculty of ETI (http://www.eti.pg.gda.pl/studenci/druki/)<br><br>Literature recommended individually by the thesis supervisor. |
| | Supplementary literature | none |
| | eResources addresses | Adresy na platformie eNauczanie: |
| Example issues/ example questions/ tasks being completed | | |
| Work placement | Not applicable | |