



## Subject card

|   |   |  |          |                                     |  |            |     |
|---|---|--|----------|-------------------------------------|--|------------|-----|
| Subject name and code                       | BSc Diploma Seminar, PG_00047707  |  |          |                                     |  |            |     |
| Field of study                              | Automatic Control, Cybernetics and Robotics   |  |          |                                     |  |            |     |
| Date of commencement of studies             | October 2024  | Academic year of realisation of subject                  |          |                                     | 2027/2028  |            |     |
| Education level                             | first-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                               | 4   | Language of instruction                                  |          |                                     | Polish   |            |     |
| Semester of study                           | 7   | ECTS credits   |          |                                     | 2.0  |            |     |
| Learning profile                            | general academic profile  | Assessment form  |          |                                     | assessment   |            |     |
| Conducting unit                             | Department of Decision Systems and Robotics -> Faculty of Electronics, Telecommunications and Informatics               |  |          |                                     |  |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor  | dr inż. Krystyna Rudzińska-Kormańska                     |          |                                     |  |            |     |
|   | Teachers  | dr inż. Krystyna Rudzińska-Kormańska                     |          |                                     |  |            |     |
| 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  | 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   |          | 2.0                                 |  | 18.0       | 50  |
| Subject objectives                          | Preparing students for writing a thesis and its presentation.<br>Discussion of the list of questions of the final exam. |  |          |                                     |  |            |     |

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| Learning outcomes  | Course outcome  | Subject outcome   | Method of verification   |
|  | [K6_K01] is ready to cultivate and disseminate models of proper behaviour in and outside the work environment; make independent decisions; critically evaluate actions of their own, teams they lead and organisations they are part of; take responsibility for results of these actions; responsibly perform professional roles, including: <ul style="list-style-type: none"> <li>- observing rules of professional ethics and require it from others,</li> <li>- care for the achievements and traditions of the profession</li> </ul>  | He can present the effects of his work, self-assessment and substantive criticism of the effects of other people's work.              | [SK4] Assessment of communication skills, including language correctness |
|  | [K6_W07] Knows and understands, to an advanced extent, the general principles of setting up and development of business entities, forms of individual entrepreneurship and running ventures in the field specific to the field of study   | Has sufficient knowledge to plan the implementation of an engineering project, taking into account economic realities.                | [SW1] Assessment of factual knowledge                                    |
|  | [K6_U10] can individually plan their own lifelong education, also by means of advanced information and communication technologies (ICT), and communicate with people from their environment, firmly justify their point of view, participate in 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  | Has the ability to self-study based on professional knowledge gained in college, can present their arguments using modern techniques. | [SU1] Assessment of task fulfilment                                      |
|  | [K6_K03] is ready to meet social obligations, co-organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way  | Has a sense of responsibility towards society.  | [SK5] Assessment of ability to solve problems that arise in practice     |
|  | [K6_K02] is ready to critically assess possessed knowledge and acknowledge the importance of knowledge in solving cognitive and practical problems  | Is able to independently process knowledge of automation and robotics.  | [SK5] Assessment of ability to solve problems that arise in practice     |
| Subject contents   | <ol style="list-style-type: none"> <li>1. Introduction to the seminar - rules for the preparation of good speeches and engineering documents.</li> <li>2. The rules of writing a thesis. The organization of the work, the order of chapters.</li> <li>3. Discussion of formal and editing requirements, selection and use of literature and source materials.</li> <li>4. The first seminar presentation - aims and objectives of the work, the state of knowledge in the area of the work.</li> <li>5. Answers to selected exam questions (Diploma).</li> <li>6. The second seminar presentation - achieved results.</li> </ol> |   |  |
| Prerequisites and co-requisites                                |   |   |  |
| Assessment methods and criteria                                | Subject passing criteria  | Passing threshold   | Percentage of the final grade  |
|  | Two seminar presentations   | 50.0%   | 60.0%  |
|  | Preparation of responses to selected exam questions .   | 50.0%   | 40.0%  |
| Recommended reading  | Basic literature  | Literature related to the topic of the thesis.  |  |
|  | Supplementary literature  | Literature related to the topic of the thesis.  |  |
|  | eResources addresses  | Adresy na platformie eNauczanie:  |  |
| Example issues/<br>example questions/<br>tasks being completed |   |   |  |
| Work placement   | Not applicable  |   |  |

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