



Subject card

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| Subject name and code | Diploma seminar, PG_00055972 | | | | | | |
| Field of study | Power Engineering, Power Engineering, Power Engineering | | | | | | |
| 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 | | |
| 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 | | | 4.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Zakład Przekształtników i Magazynowania Energii -> Department of Power Electronics and Electrical Machines -> Faculty of Electrical and Control Engineering | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. inż. Robert Małkowski | | | | |
| | Teachers | | | | | | |
| 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 | 15.0 | 15 |
| | 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 | 15 | | 36.0 | | 49.0 | 100 |
| Subject objectives | Self-preparation of an auditorium presentation of a diploma thesis | | | | | | |

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| Learning outcomes | Course outcome | Subject outcome | Method of verification |
| | [K6_U01] can obtain information from literature and other sources, organize, interpret it and draw and formulate conclusions; has the ability to self-educate, interprets the results of completed engineering tasks, is able to design simple energy systems and their systems | The student is able to correctly select the bibliography for the analyzed technical problems. Is able to effectively use the available databases of publications. | [SU2] Assessment of ability to analyse information |
| | [K6_K02] is able to work in a group taking different roles in it, can think and act in an entrepreneurial way, is aware of responsibility for their own work and responsibility for teamwork | The student is aware of the responsibility for his own work and its impact on related work | [SK4] Assessment of communication skills, including language correctness |
| | [K6_W08] has basic knowledge in the field of intellectual property protection and patent law, knows and understands the basic processes of energy production and use, knows and understands the principles of modern heating and power systems | The student understands the consequences of infringement of copyright | [SW1] Assessment of factual knowledge |
| | [K6_K01] is aware of the need for training and self-improvement in the profession of energy and the possibility of further education; can think and act in a creative and entrepreneurial manner; can define priorities for the implementation of an individual or group task | The student is able to determine the priorities that enable the effective implementation of the diploma thesis. | [SK2] Assessment of progress of work |
| [K6_U13] can read architectural, construction and geodesy drawings, and can use the known computer software to prepare a drawing part of technical documentation for the sanitary, energy, hydropower industry and prepare a text or presentation including a discussion of the implemented results | The student prepares a presentation containing a discussion of the results of the diploma thesis. | [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools | |
| Subject contents | Implementation of the diploma thesis. Legal requirements for obtaining a diploma, organization of work and own research, requirements for engineering works, defense of the thesis. Preparation of an engineering diploma thesis, publication components, writing technique, editorial preparation of publications. Rules for writing diploma theses: citations, references to literature, placing diagrams, charts. Copyright - plagiarism. How to prepare a good presentation and present it in an interesting way. What to pay attention to when writing a review of a diploma thesis. Referencing the diploma thesis. | | |
| Prerequisites and co-requisites | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | preparation of media | 50.0% | 50.0% |
| | Auditorium speech | 50.0% | 50.0% |
| Recommended reading | Basic literature | 1. Wiszniewski A.: Jak przekonująco mówić i przemawiać. WrocławWarszawa: Wyd. TEXT 1996. 3. 2. Kammel T.: "Jak występować publicznie nie tylko w telewizji" - G+J Gruner&Jahr, ISBN 10020586, 2011 | |
| | Supplementary literature | https://eia.pg.edu.pl/studenci/dzieskanat/proces-dyplomowania | |
| | eResources addresses | Adresy na platformie eNauczanie: | |

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| Example issues/ example questions/ tasks being completed | 1. How to create a good presentation? 2. The method of solving the issues raised in the diploma thesis |
| Work placement | Not applicable |