GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

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|---|---|---|---|
| Subject name and code | Diploma seminar , PG_00064756 | | |
| Field of study | Power Engineering, Power Engineering | | |
| Date of commencement of studies | February 2027 | Academic year of realisation of subject | 2027/2028 |
| Education level | second-cycle studies | Subject group | Optional subject group |
| Mode of study | Full-time studies | Mode of delivery | at the university |
| Year of study | 2 | Language of instruction | Polish |
| Semester of study | 3 | ECTS credits | 2.0 |
| Learning profile | general academic profile | Assessment form | assessment |
| Conducting unit | Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr hab. inż. Sylwia Fudala-Książek | |
| | Teachers | | |

**Lesson types**

| 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 | 4.0 | 16.0 | 50 |

**Subject objectives**

The aim of the course is for the student to acquire the ability to concisely present the work done and the results achieved, as well as to publicly discuss and defend the theses and proposed solutions. To achieve the ability to communicate the developed content, to defend and clarify the assumptions and methodology of the thesis. The student extends the acquired knowledge on selected topics from the activities of the energy industry including current design and implementation activities. The student acquires soft skills and competences related to self-presentation and human resource management.

**Learning outcomes**

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [K7_W13] explains the main principles of individual and teamwork organization, including various forms of entrepreneurship utilizing knowledge from the field of engineering and technical sciences and disciplines relevant to the course of study | The student has the ability to organise individual and team work, including various forms of entrepreneurship, using knowledge in the field of engineering sciences and scientific disciplines. | [SW2] Assessment of knowledge contained in presentation |
| [K7_U12] dvelops her/his own potential and independently plans own, lifelong learning, while also being able to guide others in this regard | The student understands the need to develop his/her potential through training, lifelong learning and is able to guide others in this respect. | [SU2] Assessment of ability to analyse information<br>[SU1] Assessment of task fulfilment |
| [K7_U11] communicates and justifies opinions on specialized topics in a manner understandable to diverse audiences, including the use of modern techniques, including information technology | Students will be able to communicate and justify opinions on specialist topics in the field of Energy, in a way that is understandable to a diverse audience, also using modern techniques. | [SU5] Assessment of ability to present the results of task<br>[SU4] Assessment of ability to use methods and tools |
| [K7_K12] is ready for fullfiling social commitement and initation of actions for public interest including entrepreneurial thinking and acting | The student understands the need to fulfil social obligations and to initiate actions for the public interest including to think and act in an entrepreneurial way. | [SK5] Assessment of ability to solve problems that arise in practice<br>[SK1] Assessment of group work skills |

**Subject contents**

Course content – seminar

To introduce the principles of the execution and writing of Master's theses. Familiarising students with soft skills in management, negotiation and interviewing. To present opportunities for self-education/ development. Presenting papers on a chosen topic and related to the the thesis work being carried out. Discussion of the issues

<table>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Knowledge from the course of the second degree programme.</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>Preparation and delivery of presentations</td><td>60.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">1. Wasylczyk Piotr: Prezentacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko. 2017 Wydawnictwo Naukowe PWN<br>2. Literatura zgodna z tememtem pracy dyplomowej.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">1. Dąbrowski Łukasz: Tajniki wystąpień publicznych. 101 porad dla prezenterów. Wydawnictwo: Onepress</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">1) Preparation of a multimedia presentation 2) Innovative technologies in the energy industry 3) Selfpresentation. 4. research planning 5. presentation of research results and discussion 6. self-learning opportunities, building powers, etc.</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
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