



## Subject card

|   |   |  |          |                                     |                        |            |     |
|---|---|--|----------|-------------------------------------|------------------------|------------|-----|
| Subject name and code                       | Diploma Seminar, PG_00055526  |  |          |                                     |                        |            |     |
| Field of study                              | Mechanical Engineering  |  |          |                                     |                        |            |     |
| 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 |            |     |
| 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                             | Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology  |  |          |                                     |                        |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor  | dr hab. inż. Szymon Grymek                               |          |                                     |                        |            |     |
|   | 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                          | Expanding knowledge and developing skills for the preparation, development, write and present their scientific achievements in the form of a diploma project. |  |          |                                     |                        |            |     |

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| Learning outcomes   | Course outcome   | Subject outcome   | Method of verification   |
|   | [K6_K01] is aware of the need for complementing the knowledge throughout the whole life, is able to select proper methods of teaching and learning, critically assesses the possessed knowledge; is aware of the importance of professional conduct and following the rules of professional ethics; is able to show resourcefulness and innovation in the realisation of professional projects | The student is aware of the need to supplement knowledge throughout his life and is able to demonstrate innovation in performing tasks.               | [SK5] Assessment of ability to solve problems that arise in practice |
|   | [K6_U03] is able to identify, formulate and develop the documentation of a simple design or technological task, including the description of the results of this task in Polish or in a foreign language and to present the results using computer software or other aiding tools  | The student is able to present a multimedia presentation on the results of an engineering task in Polish and in a foreign language.                   | [SU5] Assessment of ability to present the results of task           |
|   | [K6_U01] is able to acquire information from specialized literary sources, databases and other resources, essential for solving engineering tasks; is able to compile the obtained information pieces and to interpret them, additionally is able to form conclusions and present justified opinion  | The student is able to find the necessary information in professional literature, databases and other sources and to correctly formulate conclusions. | [SU2] Assessment of ability to analyse information                   |
| [K6_U02] is able to work in a team and individually, also in multi-disciplinary teams, is able to draw a plan of completing a construction or technological design, shows self-learning abilities | Student is able to prepare a schedule of design or technological project.  | [SU1] Assessment of task fulfilment   |  |
| Subject contents  | A computer presentation of realised diploma work in accordance with its subject.   |   |  |
| Prerequisites and co-requisites   | Knowledge and abilities reached during a study at particular direction.  |   |  |
| Assessment methods and criteria   | Subject passing criteria   | Passing threshold   | Percentage of the final grade  |
|   | Multimedia presentation  | 100.0%  | 50.0%  |
|   | Participation in class   | 80.0%   | 50.0%  |
| Recommended reading   | Basic literature   | According to directions of the diploma work tutor   |  |
|   | Supplementary literature   | According to the needs of diploma work subject  |  |
|   | eResources addresses   | Adresy na platformie eNauczanie:  |  |
| Example issues/<br>example questions/<br>tasks being completed  |  |   |  |
| Work placement  | Not applicable   |   |  |

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