

Subject card

| Subject name and code | Research laboratory, PG_00057395 | | | | | | | | |
|--|---|---|---|-------------------------------------|------------------------|--|---------|-----|--|
| Field of study | Mechanical Engineering | | | | | | | | |
| Date of commencement of studies | February 2024 | | Academic year of realisation of subject | | | 2024/2025 | | | |
| 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 | 1 | | Language of instruction | | | Polish | | | |
| Semester of study | 2 | | ECTS credits | | | 1.0 | | | |
| Learning profile | general academic profile | | Assessment form | | | assessment | | | |
| Conducting unit | Zakład Maszyn Przepływowych -> Institute of Energy -> Faculty of Mechanical Engineering and Ship Technology | | | | | | | | |
| Name and surname | Subject supervisor | | prof. dr hab. inż. Krzysztof Kosowski | | | | ı | | |
| of lecturer (lecturers) | 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 | 15.0 | | 0.0 | 15 | |
| | E-learning hours inclu | | | | 0-15 | | | | |
| Learning activity and number of study hours | Learning activity | Participation in classes include plan | | Participation in consultation hours | | Self-study | | SUM | |
| | Number of study hours | 15 | | 2.0 | <u>.</u> .0 | | | 25 | |
| Subject objectives | Students gain knowledge about principles of a research work (theoretical, numerical and experimental ones), methods of experiment planning, preparing of technical specification and presentation of results. | | | | | | | | |
| Learning outcomes | Course out | Subject outcome | | | Method of verification | | | | |
| | [K7_U03] is able to prepare construction, technological and operational documentation in compliance with appropriate standards, including technical drawings in CAD 2D and 3D systems | | | | | [SU1] Assessment of task fulfilment | | | |
| | [K7_U01] is able to acquire information from specialist literary sources and other sources regarding the construction and operation of machines and related disciplines in polish and in a foreign language, is able to conduct a self-learning process, is able to synthesize the information, form conclusions and justify opinions | | Students can use databases, look for technical information and sythesize information. | | | [SU4] Assessment of ability to use methods and tools | | | |
| Subject contents | Problems of experiment planning, scientific research (experimental, theoretical, numerical), looking for technical information and presentation of results. | | | | | | | | |
| Prerequisites and co-requisites | Lectures on turbomachinery | | | | | | | | |
| Assessment methods and criteria | Subject passing criteria project execution | | Passing threshold 60.0% | | | Percentage of the final grade 100.0% | | | |
| Recommended reading | Basic literature | | M. Korzyński, "Metodyka eksperymentu", WNT, 2006 | | | | | | |
| | Supplementary literature | | be given by lecturer | | | | | | |
| | eResources addresses | | Adresy na platformie eNauczanie: | | | | | | |
| Example issues/ example questions/ tasks being completed | | | | | | | | | |
| Work placement | Not applicable | | | | | | | | |

Data wydruku: 17.05.2024 22:28 Strona 1 z 1