

| STUDY MODULE DESCRIPTION FORM | | |
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| Name of the module/subject Diploma Seminar | | Code 1010611271010610467 |
| Field of study Mechanical Engineering | Profile of study (general academic, practical) general academic | Year /Semester 4 / 7 |
| Elective path/specialty Food Industry Machines and Refrigeration | Subject offered in: Polish | Course (compulsory, elective) obligatory |
| Cycle of study: First-cycle studies | Form of study (full-time, part-time) full-time | |
| No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 1 | | No. of credits 15 |
| Status of the course in the study program (Basic, major, other) other | | (university-wide, from another field) university-wide |
| Education areas and fields of science and art technical sciences | | ECTS distribution (number and %) 15 100% |
| Responsible for subject / lecturer: dr hab. inż. Stanisław Nosal, prof. PP email: stanislaw.nosal@put.poznan.pl tel. 665-5852 MRiT ul. Piotrowo 3, 60-695 Poznań | | |
| Prerequisites in terms of knowledge, skills and social competencies: | | |
| 1 | Knowledge | He has knowledge of the sources of scientific and technical information and how to use them. He knows what should be the structure of the thesis. He knows the ethical rules applicable when writing a thesis (including plagiarism issue). Know how to prepare the presentation of a thesis. |
| 2 | Skills | He can prepare a preliminary plan of his thesis. Knows how to properly use the sources of information and make their bibliographic. |
| 3 | Social competencies | He understands the need for a fair turn someone else's achievements to his own thesis. Is aware of the social impact of engineering activities. |
| Assumptions and objectives of the course: Preparing students to execute the engineering diploma. | | |
| Study outcomes and reference to the educational results for a field of study | | |
| Knowledge: | | |
| 1. He knows how to implement the engineering diploma, depending on its type (design, experimental analysis). - [K1A_W22] | | |
| Skills: | | |
| 1. He can, in a critical way, using different sources of information to solve engineering tasks. - [K1A_U01 K1A_U03 K1A_U05 K1A_U06] | | |
| 2. He knows how to prepare and give a presentation of papers and the whole thesis using PowerPoint. - [K1A_U01 K1A_U03 K1A_U05 K1A_U06] | | |
| 3. He can, in writing, to present the completed thesis. - [K1A_U01 K1A_U03 K1A_U05 K1A_U06] | | |
| Social competencies: | | |
| 1. He understands the need and importance of learning throughout life. - [K1A_K02 K1A_K03] | | |
| Assessment methods of study outcomes | | |
| Assessment on the basis of the presented papers constituting another part forthcoming dissertation and autoreferatu this work. | | |
| Course description | | |
| The student, in the form of papers, presents the next part of his thesis and its autoreferat. | | |

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| Basic bibliography: | | |
| 1. Leszek W. Badania empiryczne. Wyd. ITE, Radom 1997. | | |
| 2. Honczarenko J., Zygmunt M., Poradnik dyplomanta. Wyd. Pol. Szczecińskiej, Szczecin 2000. | | |
| 3. Opoka E., Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych, Wyd. Politechniki Śląskiej, Gliwice 2003. | | |
| Additional bibliography: | | |
| Result of average student's workload | | |
| Activity | Time (working hours) | |
| 1. Participation in activities | 30 | |
| 2. Preparing for classes | 30 | |
| 3. Preparation of the draft | 310 | |
| 4. Preparing to pass | 4 | |
| 5. Participation in the completion | 2 | |
| Student's workload | | |
| Source of workload | hours | ECTS |
| Total workload | 375 | 15 |
| Contact hours | 0 | 0 |
| Practical activities | 0 | 0 |