

| STUDY MODULE DESCRIPTION FORM | | |
|--|---|--|
| Name of the module/subject Diploma seminar | | Code 1010312331010310081 |
| Field of study Electrical Engineering | Profile of study (general academic, practical) (brak) | Year /Semester 2 / 3 |
| Elective path/specialty Distribution Devices and Electrical | Subject offered in: Polish | Course (compulsory, elective) obligatory |
| Cycle of study: Second-cycle studies | Form of study (full-time, part-time) full-time | |
| No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 30 | | No. of credits 15 |
| Status of the course in the study program (Basic, major, other) (brak) | | (university-wide, from another field) (brak) |
| Education areas and fields of science and art technical sciences | | ECTS distribution (number and %) 15 100% |
| Responsible for subject / lecturer: dr hab. inż. Ryszard Frąckowiak, prof. nadzw. email: ryszard.frackowiak@put.poznan.pl tel. 61 6652294 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań | | |
| Prerequisites in terms of knowledge, skills and social competencies: | | |
| 1 | Knowledge | Knows measuring methodology, development trends and basic intellectual property regulations. |
| 2 | Skills | Knows to mine the available literature in both the electronic and printed form. |
| 3 | Social competencies | Is aware of the consequences of his work results. |
| Assumptions and objectives of the course: Presentation of research results, analysis and conclusions related to the question undertaken in the diploma work. Preparation to the diploma work's discussion. | | |
| Study outcomes and reference to the educational results for a field of study | | |
| Knowledge: 1. Knows the newest achievements and development trends concerning the chosen electric power devices and electrical installations questions - [K_W04++] | | |
| Skills: 1. Can to exploit the literature resources available in electronic and printed form, integrate the acquired information, interpret and conclude it as well as proof the opinions - [K_U01+, K_U15++, K_U16+] 2. Can prepare and show presentation on the electrical engineering-related subject/task - [K_U04++] 3. Can plan and arrange execution of tasks, assess the solutions' usefulness and run experiments, individually or as a team work, concerning the electrical devices and installations. - [K_U02+, K_U10+, K_U19+] | | |
| Social competencies: 1. Understands the need for and knows the ways how to acquire knowledge on the electric power engineering and to transfer it to the society - [K_K01+] | | |
| Assessment methods of study outcomes | | |
| -Assesment of presentations of the specific diploma work elements (results and their analysis, conclusions) on slides. | | |
| Course description | | |

| | | |
|---|-----------------------------|-------------|
| -Presentation of the research results and chosen question analysis, forming the logical conclusions driven from the undertaken investigations and analyses. Construction of the list of publications mined during the diploma work preparation. | | |
| Basic bibliography: | | |
| 1. Author's vademecum and recommendations prepared by Wydawnictwo Politechniki Poznańskiej | | |
| 2. Polish-English Dictionary | | |
| 3. Literature in the field (books, conference proceedings) | | |
| 4. Lexicons, encyclopaedies, technical handbooks | | |
| Additional bibliography: | | |
| 1. Examples of outstanding diploma works rewarded with price | | |
| Result of average student's workload | | |
| Activity | Time (working hours) | |
| 1. Attending the seminar | 30 | |
| 2. Discussions with diploma | 60 | |
| 3. Laboratory experiments and analyses execution | 100 | |
| 4. Preparation of work presentation | 20 | |
| 5. Editorial activities concerning the diploma work | 120 | |
| 6. Preparation to the final examination | 45 | |
| 7. Diploma examination | 1 | |
| Student's workload | | |
| Source of workload | hours | ECTS |
| Total workload | 376 | 15 |
| Contact hours | 111 | 5 |
| Practical activities | 130 | 6 |