

| STUDY MODULE DESCRIPTION FORM | | |
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| Name of the module/subject Diploma seminar | | Code 1010324381010320081 |
| Field of study Electrical Engineering | Profile of study (general academic, practical) (brak) | Year /Semester 4 / 8 |
| Elective path/specialty Measurement Systems in Industry and | Subject offered in: Polish | Course (compulsory, elective) obligatory |
| Cycle of study: First-cycle studies | Form of study (full-time, part-time) part-time | |
| No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 9 | | No. of credits 4 |
| 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 Technical sciences | | ECTS distribution (number and %) 4 100% 4 100% |
| Responsible for subject / lecturer: prof. dr hab. inż. Anna Cysewska-Sobusiak email: anna.cysewska@put.poznan.pl tel. 61 665 2633 Wydział Elektryczny ul. Piotrowo 3A, 60-965 Poznań | | |
| Prerequisites in terms of knowledge, skills and social competencies: | | |
| 1 | Knowledge | Basic knowledge within the scope of subjects included in the programme of the speciality |
| 2 | Skills | Ability to realize measurements of basic electrical and nonelectrical quantities and realize the efficient self-education in the area related to the chosen field and speciality of studies |
| 3 | Social competencies | Ability to cooperate in a team and awareness of the necessity of broadening of the competence in the field of electrical engineering |
| Assumptions and objectives of the course: Knowledge of selected problems related to gathering of the indispensable materials and knowledge of principles concerned the preparation of a diploma thesis | | |
| Study outcomes and reference to the educational results for a field of study | | |
| Knowledge: | | |
| 1. Knowledge of typical engineering technologies in the area of the Electrical Engineering field of study and in the newest tendencies in development of measuring systems - [K_W18 +] | | |
| 2. Knowledge of the bases of applying copyright and the protection of the intellectual property, and ability to use the supplies of patents information - [K_W21 +] | | |
| Skills: | | |
| 1. Ability to use the printed and electronic bibliography sources, integrate the gathering information and interpret them as well as conclude - [K_U05 +++] | | |
| 2. Ability to work independently and as a team, and ability to estimate time needed to realize the tasks provided for in the range of the diploma thesis - [K_U06 +++] | | |
| 3. Ability to realize the self-education in order to improve the professional competences in the range of the chosen field and speciality of study - [K_U09 +++] | | |
| Social competencies: | | |
| 1. Students awareness of the value of their work, and also the readiness of submitting to the principles of the work in the team cooperating in the range of realized tasks - [K_K03 +] | | |
| Assessment methods of study outcomes | | |

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| <ul style="list-style-type: none"> - Continuous estimation of students activity and the increase of their knowledge, and the skills necessary to realize the diploma thesis - Evaluation based on the obtained results and ability of their presentation - Evaluation of efficient application of the knowledge acquired to solve the given tasks | | |
| Course description | | |
| <ul style="list-style-type: none"> - The selected problems related to the area of diploma theses - Arrangement of the tasks included in the subject of a diploma thesis - Principles of preparing the bibliography - Editing and formatting of diploma theses | | |
| Basic bibliography: | | |
| 1. Bibliography recommended by a supervisor from the diploma thesis range | | |
| Additional bibliography: | | |
| 1. Bibliography found by a student | | |
| Result of average student's workload | | |
| Activity | Time (working hours) | |
| 1. Participation in seminars | 9 | |
| 2. Participation in consulting with lecturers | 21 | |
| 3. Preparation to seminars | 20 | |
| 4. Preparation of presentations related to the progress in the realization of the work | 10 | |
| 5. Realization of the work | 20 | |
| 6. Arrangement of the tasks included in the subject of a diploma thesis | 15 | |
| Student's workload | | |
| Source of workload | hours | ECTS |
| Total workload | 95 | 4 |
| Contact hours | 40 | 2 |
| Practical activities | 55 | 2 |