

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma seminar		Code 1010324281010320081
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 3
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 %) 3 100% 3 100%
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		

<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:		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. Participation in seminars	9	
2. Participation in consulting with lecturers	9	
3. Preparation to seminars	9	
4. Arrangement of the tasks included in the subject of a diploma thesis	6	
5. Realization of the work	9	
6. Preparation of presentations related to the progress in the realization of the work	6	
Student's workload		
Source of workload	hours	ECTS
Total workload	80	3
Contact hours	40	2
Practical activities	40	2