

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma seminar		Code 1010311371010310081
Field of study Electrical Engineering	Profile of study (general academic, practical) (brak)	Year /Semester 4 / 7
Elective path/specialty Distribution Devices and Electrical	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: 30		No. of credits 12
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 %) 12 100%
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 intellectual property regulations which must be observed when preparing the diploma work - [K_W21+++]		
Skills:		
1. Can prepare and show a short presentation on the electrical engineering-related task - [K_U08+++]		
2. Can compare different design solutions in area of basic questions related to the diploma work domain - [K_U12+++]		
Social competencies:		
1. Is ready to subordinate to the team work rules and to take responsibility for the team-prepared tasks - [-]		
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's promotor	60	
3. Laboratory experiments and analyses execution	130	
4. Preparation of work presentation	10	
5. Overview and study on the diploma work subject-related literature	30	
6. Editorial activities concerning the diploma work	30	
7. Preparation to the final examination	10	
8. Diploma examination	1	
Student's workload		
Source of workload	hours	ECTS
Total workload	301	12
Contact hours	91	4
Practical activities	160	6