

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Diploma seminar</b>		Code <b>1010314391010310081</b>
Field of study <b>Electrical Engineering</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>5 / 9</b>
Elective path/specialty <b>Distribution Devices and Electrical</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: <b>18</b>		No. of credits <b>13</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>13 100%</b> <b>13 100%</b>
<b>Responsible for subject / lecturer:</b>  dr hab. inż. Jerzy Janiszewski email: jerzy.janiszewski@put.poznan.pl tel. 61 665 20 28 Faculty of Electrical Engineering ul. Piotrowo 3A 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Knows measuring methodology, development trends and basic intellectual property regulations.
2	<b>Skills</b>	Knows to mine the available literature in both the electronic and printed form.
3	<b>Social competencies</b>	Is aware of the consequences of his work results.
<b>Assumptions and objectives of the course:</b> Presentation of research results, analysis and conclusions related to the question undertaken in the diploma work. Preparation to the diploma work?s discussion.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b> 1. Knows the intellectual property regulations which must be observed when preparing the diploma work - [K_W21+++]		
<b>Skills:</b> 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+++]		
<b>Social competencies:</b> 1. Is ready to subordinate to the team work rules and to take responsibility for the team-prepared tasks - [-]		
<b>Assessment methods of study outcomes</b>		
-Assesment of presentations of the specific diploma work elements (results and their analysis, conclusions) on slides.		
<b>Course description</b>		
-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.		

<b>Basic bibliography:</b>		
1. Author's vademecum and recommendations prepared by Wydawnictwo Politechniki Poznańskiej		
2. Prawo autorskie. Ustawa z 4 lutego 1994 r. ze zmianami z 2015 r.		
3. Literature in the field (books, conference proceedings)		
4. Lexicons, encyclopaedies, technical handbooks		
5. Polish-English Dictionary		
<b>Additional bibliography:</b>		
1. Volk W., Statystyka stosowana dla inżynierów, WNT, 1973		
2. Examples of outstanding diploma works rewarded with price		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Attending the seminar	18	
2. Discussions with diploma's promotor	65	
3. Laboratory experiments and analyses execution	130	
4. Preparation of work presentation	10	
5. Overview and study on the diploma work subject-related literature	35	
6. Editorial activities concerning the diploma work	35	
7. Preparation to the final examination	10	
8. Diploma examination	1	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	304	13
Contact hours	84	4
Practical activities	175	6