

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Diploma seminar</b>		Code <b>1010314381010310081</b>
Field of study <b>Electrical Engineering</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>4 / 8</b>
Elective path/specialty <b>High Voltage Engineering</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>9</b>		No. of credits <b>4</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		ECTS distribution (number and %)
<b>Responsible for subject / lecturer:</b>  dr hab. inż. Krzysztof Siodła, prof. nadzw. email: krzysztof.siodla@put.poznan.pl tel. 61-665-2272 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	He/she has fundamental knowledge collected during study on Electric Engineering field.
2	<b>Skills</b>	He/she can indicate and formulate tasks, problems in frame of electric engineering.
3	<b>Social competencies</b>	He/she knows fundamental possibilities of the receiving of knowledge from literature sources.
<b>Assumptions and objectives of the course:</b> The presentation of literature, genesis, aim, and range of diploma work which concerning chosen problems in frame of electric engineering.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. He/she has knowledge in frame of metrology of measurements in high voltage engineering. - [K_W18+] 2. He/she knows the newest trends according to development trends in frame of high voltage engineering on the basis of technical literature. - [K_W18+] 3. He/she knows fundamental of author rights during preparation of diploma thesis in frame of high voltage engineering. - [K_W21+]		
<b>Skills:</b>		
1. He/she can use available literature in printed and electronic version in frame of high voltage engineering, connect obtained information and summarize conclusions, and formulate opinions with arguments. - [K_U05+++, K_U06+++, K_U09+++]		
<b>Social competencies:</b>		
1. He/she has consciousness of consequenced of own work results in frame of high voltage engineering. - [K_K03+]		
2. He/she is ready to conform to principles of work in teem in frame of high voltage engineering. - [K_K03+]		
<b>Assessment methods of study outcomes</b>		
Assessment of prepared presentations of individual parts of diploma thesis in verbal form (literature, aim, range of the thesis).		
<b>Course description</b>		

<p>Actualisation 2017:</p> <ol style="list-style-type: none"> <li>1. Presentation of introduction, worked out on the basis of literature, to problem in area of electric engineering, in diploma thesis</li> <li>2. Description of genesis, aim, thesis, and range of investigations and problems analysis</li> <li>3. Preparation of specialist literature used in diploma thesis.</li> </ol>		
<p><b>Basic bibliography:</b></p> <ol style="list-style-type: none"> <li>1. Authors vademecum, principles of publication preparation, Wydawnictwo Politechniki Poznańskiej</li> <li>2. Polish-English dictionary</li> <li>3. Specialist literature (books, conferences proceedings)</li> <li>4. Lexicons, encyclopedias, technical guides</li> </ol>		
<p><b>Additional bibliography:</b></p> <ol style="list-style-type: none"> <li>1. Very well prepared diploma thesis</li> </ol>		
<p><b>Result of average student's workload</b></p>		
<p><b>Activity</b></p>		<p><b>Time (working hours)</b></p>
<p>1. 1.Participation in seminar</p>		<p>9</p>
<p>2. 2.Analysis of literature</p>		<p>20</p>
<p>3. 3.Laboratory and results analysis</p>		<p>25</p>
<p>4. 4.Consultation with supervisor</p>		<p>30</p>
<p>5. 5.Preparation of presentation</p>		<p>5</p>
<p><b>Student's workload</b></p>		
<p><b>Source of workload</b></p>	<p><b>hours</b></p>	<p><b>ECTS</b></p>
<p>Total workload</p>	<p>89</p>	<p>4</p>
<p>Contact hours</p>	<p>39</p>	<p>2</p>
<p>Practical activities</p>	<p>34</p>	<p>2</p>