

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Diploma seminar</b>		Code <b>1010334591010330081</b>
Field of study <b>Information Engineering</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>5 / 9</b>
Elective path/specialty <b>Information Technologies</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>24</b>		No. of credits <b>12</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>		ECTS distribution (number and %) <b>12 100%</b>
<b>Responsible for subject / lecturer:</b>  dr Jerzy Bartoszek email: jerzy.bartoszek@put.poznan.pl tel. 61 665-3713, 61 665-2378 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Student knows the typical computer engineering technologies.
2	<b>Skills</b>	Student is able to prepare and present a short presentation on the results of an engineering task.
3	<b>Social competencies</b>	Student is aware of the importance of the accurate completion of the project, notational standards, respect for linguistic correctness and timely submissions.
<b>Assumptions and objectives of the course:</b> The purpose of the seminar is to improve the knowledge dealing with the preparation of diploma thesis.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. Student knows the current state of development and the current trends in information technologies. - [K_W19]		
<b>Skills:</b>		
1. Student is able to gain information from literature, databases and other sources; is able to integrate the information, interpret it, as well as draw conclusions and formulate and justify opinions. - [K_U01]		
2. Student is able to assess the usefulness of routine methods and tools for solving simple problems typical for computer engineering, and select and use appropriate technologies. - [K_U22]		
<b>Social competencies:</b>		
1. Student thinks and acts in an entrepreneurial manner. - [K_K05]		
2. Student is aware of the importance of the accurate completion of the project, notational standards, respect for linguistic correctness and timely submissions. - [K_K07]		
<b>Assessment methods of study outcomes</b>		
Assessment of presentations.		
<b>Course description</b>		

<p>In the framework of the seminar professor controls the process of preparing diploma thesis. Students present solutions to the problems concerned with preparation of thesis.</p> <p>Course update 2017: In presentations are discussed projects realized in Institute of Control, Robotics and Information Engineering.</p> <p>Teaching methods:  multimedia presentation, analysis/discussion</p>		
<p><b>Basic bibliography:</b></p> <ol style="list-style-type: none"> <li>1. Depending on the diploma thesis.</li> <li>2. Szkutnik Z., Metodyka pisania pracy dyplomowej, Wydawnictwo Poznańskie, Poznań 2005</li> <li>3. Vademecum autora, Wydawnictwo Politechniki Poznańskiej,  <a href="http://www.ed.put.poznan.pl/files/Vademecum%20dla%20autor%C3%B3w.pdf">http://www.ed.put.poznan.pl/files/Vademecum%20dla%20autor%C3%B3w.pdf</a></li> </ol>		
<p><b>Additional bibliography:</b></p> <ol style="list-style-type: none"> <li>1. Depending on the diploma thesis.</li> <li>2. Sobczak J., Podstawy prawa autorskiego, PTPIREE, Poznań 1995.</li> <li>3. <a href="http://www.ed.put.poznan.pl/files/Instrukcja%20ZN%20w.%20pol.doc">http://www.ed.put.poznan.pl/files/Instrukcja%20ZN%20w.%20pol.doc</a></li> </ol>		
<p><b>Result of average student's workload</b></p>		
<p><b>Activity</b></p>		<p><b>Time (working hours)</b></p>
1. Participation in the seminar		24
2. Preparation to the seminar		20
3. Preparation of the thesis		230
4. Participation in consultations		26
<p><b>Student's workload</b></p>		
<p><b>Source of workload</b></p>	<p><b>hours</b></p>	<p><b>ECTS</b></p>
Total workload	300	12
Contact hours	50	2
Practical activities	150	6