

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Diploma seminar</b>		Code <b>1010335541010330081</b>
Field of study <b>Information Engineering</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 4</b>
Elective path/specialty <b>Information Technologies</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: <b>16</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. 665-3724, 665-3729 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Student has expertise in advanced programming techniques and methods.
2	<b>Skills</b>	Student has basic skills equivalent to first degree studies.
3	<b>Social competencies</b>	Student has social competencies equivalent to first degree studies.
<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 trends and the most important achievements in information technologies. - [K_W14]		
<b>Skills:</b>		
1. Student knows how to determine the set tasks associated with the process of self-education - [K_U02]		
2. Student is able - in formulating and solving IT problems - to integrate knowledge from different fields and disciplines - [K_U07]		
3. Student is able to assess the usefulness of the tools and technologies in the implementation of the specific job information - [K_U11]		
4. Student knows how to propose and justify improvements to existing solutions. - [K_U12]		
<b>Social competencies:</b>		
1. Student thinks and acts in an entrepreneurial and creative manner. - [K_K01]		
<b>Assessment methods of study outcomes</b>		
Assessment of presentations.		
<b>Course description</b>		
In the framework of the seminar professor controls the process of preparing diploma thesis. Students present analysis of problems concerned with preparation of their thesis.		

Course update 2017: In the thesis projects realized in Institute of Control, Robotics and Information Engineering are included.		
Teaching methods: multimedia presentation, analysis/discussion		
<b>Basic bibliography:</b>		
1. Depending on the thesis. 2. Boć J., Jak pisać pracę magisterską, Kolonia Limited, Wrocław 1994		
<b>Additional bibliography:</b>		
1. Depending on the thesis.		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Participation in the seminar	16	
2. Preparation to the seminar	16	
3. Preparation of the thesis	238	
4. Participation in consultations	30	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	300	12
Contact hours	46	2
Practical activities	150	6