

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma seminar		Code 1010332531010330081
Field of study Information Engineering	Profile of study (general academic, practical) (brak)	Year /Semester 2 / 3
Elective path/specialty Information Technologies	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-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 Jerzy Bartoszek email: jerzy.bartoszek@put.poznan.pl tel. 61 665-3713, 61 665-2378 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has expertise in advanced programming techniques and methods.
2	Skills	Student has basic skills equivalent to first degree studies.
3	Social competencies	Student has social competencies equivalent to first degree studies.
Assumptions and objectives of the course: The purpose of the seminar is to improve the knowledge dealing with the preparation of diploma thesis.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Student knows the current trends and the most important achievements in information technologies. - [K_W14]		
Skills:		
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]		
Social competencies:		
1. Student thinks and acts in an entrepreneurial and creative manner. - [K_K01]		
Assessment methods of study outcomes		
Assessment of presentations.		
Course description		
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		
Basic bibliography:		
1. Depending on the thesis. 2. Boć J., Jak pisać pracę magisterską, Kolonia Limited, Wrocław 1994		
Additional bibliography:		
1. Depending on the thesis.		
Result of average student's workload		
Activity	Time (working hours)	
1. Participation in the seminar	30	
2. Preparation to the seminar	30	
3. Preparation of the thesis	195	
4. Participation in consultations	45	
Student's workload		
Source of workload	hours	ECTS
Total workload	300	12
Contact hours	75	3
Practical activities	150	6