STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Diploma seminar		**1010331571010330081**
Field of study: **Information Engineering**	Profile of study (general academic, practical): **(brak)**	Year /Semester: **4 / 7**
Elective path/specialty: **Security of Information Technology (IT)**	Subject offered in: **Polish**	Course (compulsory, elective): **obligatory**
Cycle of study: **First-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. +48 61 665 3713
Wydział Elektryczny
ul. Piotrowo 3A 60-965 Poznań

Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student knows typical engineering technology.
2	**Skills**	Student is able to prepare and present a short presentation on the results of the implementation of the engineering task.
3	**Social competencies**	Student is aware of the importance of a thorough implementation of the project, to preserve, respect for linguistic correctness standards and timely delivery.

Assumptions and objectives of the course:

The aim of the seminar is to deepen the monographic knowledge in the field of the work of the engineer's diploma.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student realizes in current state, and the latest development trends in computer science. - [K_W19]

Skills:

1. Student is able to acquire information from literature, data bases and other sources; student is able to integrate acquired information, to interpret it, to draw conclusions and to comprehensively formulate and justify judgments. - [K_U01]
2. Student is able to evaluate the usefulness of routine methods and tools for solving simple tasks typical of engineering informatics and select and apply appropriate technologies. - [K_U22]

Social competencies:

1. Student is able to think and act in an entrepreneurial way. - [K_K05]
2. Student is aware of the importance of a thorough implementation of the project, to preserve, respect for linguistic correctness standards and timely delivery of work. - [K_K07]

Assessment methods of study outcomes

Assessment of the presentations.

Course description

In the framework of the seminar professor controls the process of preparation of the thesis. Students present solutions to problems in the work concerned.

Basic bibliography:

1. Depending on the diploma thesis.

Additional bibliography:

1. Depending on the diploma thesis.

Result of average student's workload

Activity	Time (working hours)
1. Udział w seminarium	30
2. Bieżące przygotowanie do seminarium	40
3. Przygotowywanie pracy dyplomowej inżynierskiej	190
4. Udział w konsultacjach	40

Student's workload

Source of workload	hours	ECTS
Total workload	300	12
Contact hours	70	2
Practical activities	150	6