STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Diploma seminar		**1010334591010330081**

Field of study	Profile of study (general academic, practical)	Year /Semester
Information Engineering	**(brak)**	**5 / 9**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Security of Information Technology (IT)	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
First-cycle studies	**part-time**

No. of hours					No. of credits
Lecture: **-**	Classes: **-**	Laboratory: **-**	Project/seminars:	**24**	**12**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)
technical sciences	**12 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student knows the typical computer engineering technologies.
2	**Skills**	Student is able to prepare and present a short presentation on the results of an engineering task.
3	**Social competencies**	Student is aware of the importance of the accurate completion of the project, notational standards, respect for linguistic correctness and timely submissions.

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 state of development and the current trends in information technologies. - [K_W19]

Skills:

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]

Social competencies:

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]

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 solutions to the problems concerned with preparation of thesis.

Course update 2017: In presentations are discused projects realized in Institute of Control, Robotics and Information Engineering.

Teaching methods:

multimedia presentation, analysis/discussion

Basic bibliography:

1. Depending on the diploma thesis.
2. Szkutnik Z., Metodyka pisania pracy dyplomowej, Wydawnictwo Poznańskie, Poznań 2005
3. Vademecum autora, Wydawnictwo Politechniki Poznańskiej, http://www.ed.put.poznan.pl/files/Vademecum%20dla%20autor%C3%B3w.pdf

Additional bibliography:

1. Depending on the diploma thesis.
2. Sobczak J., Podstawy prawa autorskiego, PTPiREE, Poznań 1995.
3. http://www.ed.put.poznan.pl/files/Instrukcja%20ZN%20w.%20pol.doc

Result of average student's workload

Activity	Time (working hours)
1. Participation in the seminar	24
2. Preparation to the seminar	20
3. Preparation of the thesis	230
4. Participation in consultations	26

Student's workload

Source of workload	hours	ECTS
Total workload	300	12
Contact hours	50	2
Practical activities	150	6