STUDY MODULE DESCRIPTION FORM

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

Field of study **Information Engineering**	Profile of study (general academic, practical) **(brak)**	Year /Semester **5 / 9**

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) **part-time**

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

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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.

Basic bibliography:

1. Depending on the diploma thesis.
2. Depending on the thesis.

Additional bibliography:

1. Depending on the diploma thesis.
2. Depending on the thesis.

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

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