



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Seminarium dyplomowe - Diploma seminar

Course

Field of study

Teleinformatics

Year/Semester

4/7

Area of study (specialization)

Profile of study

general academic

Level of study

first-cycle studies

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

Tutorials

0

Projects/seminars

0/15

Number of credit points

20

Lecturers

Responsible for the course/lecturer:

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prof. dr hab. inż. Grzegorz Danilewicz,
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Prerequisites



A student starting a diploma seminar at the first-cycle should have a basic knowledge of electronics and telecommunications and the basics of programming. The candidate should be able to obtain information from the indicated sources, be ready to cooperate in a group, be able to formulate judgments, and recognize the role of an engineer in the development of technology.

Course objective

The aim of the diploma seminar is to prepare students to write a diploma thesis - an engineering project, for example, by learning the principles of writing the theoretical and descriptive part of the thesis, learning about the principles of ethical work by honoring the work of others and avoiding plagiats, learning how to formulate scientific theses and how to prove them, and learning how to work with sources. In addition, students will learn the rules for creating correct presentations and delivering papers and will participate in discussions.

Course-related learning outcomes

Knowledge

1. The student knows the formal, literature, and editorial requirements for the thesis of the diploma.
2. The student knows the general methodology for writing diploma theses.
3. The student is aware of the source citations and the need for independent work.

Skills

1. The student is able to use various sources of information, interpret the results obtained, draw conclusions, and formulate and substantiate opinions.
2. The student is able to prepare a well-documented written study of a given design problem, according to the requirements of substantive and linguistic correctness.
3. The student is able to prepare and present a presentation of his project and start a discussion about it.

Social competences

1. The student can prepare a presentation of the results of the project tasks.
2. The student can initiate and control discussion on selected technical topics, is able to formulate and defend judgments.
3. The student correctly identifies and resolves dilemmas related to the exercise of the profession, maintains an ethical attitude when performing entrusted tasks and presenting their results.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Control of the progress of the work on creating a diploma thesis by:

1. Preparation of the work plan
2. Preparation of at least two presentations indicating the progress of the work in the subsequent stages of its creation.
3. Speech based on the presentation of the work and participation in the discussion about it.

The following components are subject to evaluation.



1. Attendance in class
2. Activity during classes, participation in discussions, ability to defend one's position
3. Quality of presentation
4. Ability to deliver the speech
5. Timeliness of task implementation

The final grade is the result of component grades, with each component grade being positive. The rating scale from 2 (insufficient - negative) to 5 (very good) is used for component grades and for the final grade.

Programme content

Conducting projects (principles and methods of conducting and concluding projects),
Conducting scientific research (principles and methods of conducting and concluding scientific research),
Principles of conducting the diploma examination and thesis defense,
Rules for creating a correct work plan and structure,
Rules for writing the correct thesis,
Rules for using sources,
Rules for creating the correct presentation,
Principles of discussion, with particular emphasis on scientific discussion.

Teaching methods

Presentation, oral presentation of a work, participation in a discussion, discussion control, seminar lecture using a whiteboard and/or projector.

Bibliography

Basic

1. Dudziak A., Żejmo A.: Redagowanie prac dyplomowych – wskazówki metodyczne dla studentów. Difin, Warszawa 2008 (in Polish)
2. Zenderowski R.: Praca magisterska - Licencjat. Krótki przewodnik po metodologii pisania i obrony pracy dyplomowej, CeDeWu Sp. z o.o., 2015 (in Polish)

Additional

Breakdown of average student's workload

	Hours	ECTS
Total workload	600	20.0



	Hours	ECTS
Classes requiring direct contact with the teacher	60	3.0
Student's own work (literature studies)	540	17.0