

# Diploma seminar I - course description

General information	
Course name	Diploma seminar I
Course ID	06.2-WE-ELEKTP-DipSem01-Er
Faculty	<a href="#">Faculty of Computer Science, Electrical Engineering and Automatics</a>
Field of study	Electrical Engineering
Education profile	academic
Level of studies	First-cycle Erasmus programme
Beginning semester	winter term 2022/2023

Course information	
Semester	6
ECTS credits to win	2
Course type	obligatory
Teaching language	english
Author of syllabus	<ul style="list-style-type: none"><li>dr hab. inż. Paweł Szcześniak, prof. UZ</li></ul>

Classes forms					
The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Project	30	2	-	-	Credit with grade

## Aim of the course

To acquaint the student with the requirements in force for the implementation of research work and writing the thesis as well as methodical and substantive assistance in the implementation of the thesis.

Exercise the ability to present and discuss the results of a thesis.

## Prerequisites

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## Scope

1. Discussion of the principles of writing and formatting a thesis: text layout and formatting; spelling of foreign names and abbreviations; syntax and spelling; quoting and numbering drawings, tables, formulas and sources; preparing tables of contents, drawings and tables. Requirements for the preparation of drawings, diagrams, tables, charts, photographs.
2. Discussion of the most-used text editors to write longer works: OpenOffice, MS Word, LATEX.
3. Discussion of the principles of citing bibliographic sources used in the thesis (journal articles, books, websites, technical standards, etc.).
4. Discussion of the principles of ethical use of materials: the principles of copying and citing previously published materials, infringement of copyright, discussion of anti-plagiarism control principles.
5. Discussion of the principles of presentation of the concept of work, scientific methods and the choice of methods for collecting and analyzing data as well as the presentation and description of the results obtained.
6. Presentation by students on the forum of the seminar group, partial effects of the thesis and the discussion on the presentation in which the seminar group actively participates.

## Teaching methods

**Project:** working with source document, discussion, consultation.

## Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
Present the results of the work using multimedia techniques.		<ul style="list-style-type: none"><li>a discussion</li><li>a preparation of a research paper</li><li>a research paper</li></ul>	<ul style="list-style-type: none"><li>Project</li></ul>
Is able to critically analyze the way it functions and assess existing technical solutions (eg devices, systems, processes) with regard to the area of his diploma thesis.		<ul style="list-style-type: none"><li>a discussion</li><li>a research paper</li><li>activity during the classes</li></ul>	<ul style="list-style-type: none"><li>Project</li></ul>
Understands the need for formulating and communicating comprehensively information about the performance of the technique and other aspects of the engineering activity.		<ul style="list-style-type: none"><li>a discussion</li><li>a research paper</li></ul>	<ul style="list-style-type: none"><li>Project</li></ul>

## Assignment conditions

**Project:** a condition of pass is to obtain a positive assessment of the completed part of the diploma thesis.

**Components of the final evaluation:** project: 100%

## Recommended reading

Literature of the subject is the subject of the thesis.

## Further reading

1. Parija, S.C., Kate, Vikram, Thesis Writing for Master's and Ph.D. Program, Springer, 2018.

2. P. Paul Heppner, Mary J. Heppner, Writing and Publishing Your Thesis, Dissertation, and Research: A Guide for Students in the Helping Professions (Research, Statistics, & Program Evaluation), Thomson/Brooks/Cole, 2004.

## Notes

Modified by dr hab. inż. Paweł Szcześniak, prof. UZ (last modification: 06-04-2022 22:42)

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