



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar

Course

Field of study

Electrical Engineering

Area of study (specialization)

Networks and Power Systems Protection

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

30

Number of credit points

15

Lecturers

Responsible for the course/lecturer:

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Faculty of Environmental Engineering and

Energy

Piotrowo 5, 60-965 Poznań

Responsible for the course/lecturer:

Prerequisites

Student has the increased knowledge obtained in time of studies on Electrical Engineering field of studies. Student has the ability to indicate and formulate issue and problem in electric power engineering. Student knows the increased possibilities to acquire knowledge from literature sources.

Course objective

Presentation the investigation results and information on the main topic of MSc thesis. Formulation of conclusions. Preparation to final diploma colloquium.

Course-related learning outcomes

Knowledge

1. Student knows the newest achievements and development trends in the scope of chosen issues in power networks and electric power system protection



Skills

1. Student is able to use technical literature, gather and interpret obtained information, formulate the final conclusions, justify the opinions.
2. Student can prepare and present a comprehensive presentation on topic of electric power engineering.
3. Student is able to plan the task realization, evaluate the problem solution, carry-out the research individually or in group in the scope of electric power engineering.

Social competences

1. Student knows the need and knows the way to acquire the knowledge and transfer it to the community

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

1. Assessment of prepared presentations and elements of his work being prepared diploma (oral form or slides)
2. Assessment of self-reliance of completed tasks and obtained effects.
3. Assessment of activity in consultations and seminar classes.

Programme content

1. Conducting scientific research.
2. Presentation of the research results and chosen problems analysis, formulation of the logical conclusions obtained from the carried-out investigations and analyses.
3. Construction of the list of cited publications obtained in time of the diploma work preparation.
4. Editing the final form of an MA thesis

Teaching methods

Lecture in the form of a multimedia presentation, ongoing discussion and evaluation of projects presented by students

Bibliography

Basic

1. Author's vademecum, recommendations for the preparation of publications prepared by IE and the Poznan University of Technology Publishing House.
2. Specialist literature (books, articles, conference materials, technical brochures).
3. Lexicons, encyclopedias, technical guides, dictionaries.
4. Technical vocabulary Polish-English, English-Polish.

Additional

1. Examples of very well prepared diploma thesis



Breakdown of average student's workload

	Hours	ECTS
Total workload	327	15,0
Classes requiring direct contact with the teacher	150	5,0
Student's own work (literature studies, consultation with the work supervisor, performing laboratory tests and analyzes, preparation of the presentation, work on the preparation and editing of the diploma thesis, preparing for the diploma exam, participating in the diploma exam) ¹	177	6,0

¹ delete or add other activities as appropriate