



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar

Course

Field of study

Year/Semester

Electrical Engineering

2/3

Area of study (specialization)

Profile of study

High voltage engineering

general academic

Level of study

Course offered in

Second-cycle studies

Polish

Form of study

Requirements

full-time

compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

30

Number of credit points

15

Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

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Faculty of Environmental Engineering and
Energy

3A Piotrowo Str., 60-965 Poznań

Prerequisites

Has basic knowledge accumulated while studying in the field of Electrical Engineering. Is able to notice and specify the issue / problem in the field of electrical engineering. Knows the basic possibilities of obtaining knowledge from literature sources

Course objective

Discussion of investigation results, analysis and conclusions presented in the thesis. Preparation for the defense of the M.Sc. thesis



Course-related learning outcomes

Knowledge

1. Knows the latest developments and development trends in selected issues in the field of high voltage engineering

Skills

1. Is able to use literature sources available in both printed and electronic versions, integrate acquired information, interpret and draw conclusions as well as formulate and substantiate opinions
2. Is able to prepare and present a multimedial presentation on a subject related to electrical engineering
3. Is able to plan the implementation of tasks, assess the suitability of solutions and conduct research individually or as a team in the field of high voltage engineering

Social competences

1. Understands the need and knows how to acquire knowledge in the field of power engineering and transfer it to the public

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

1. Assessment of prepared presentations of individual elements of the diploma thesis (oral or multimedia presentation)
2. Assessment of the independence of completed tasks and achieved work results
3. Assessment of activity in consultations and seminar classes

Programme content

1. Presentation of the results of research and analysis of the selected issue. Indication of the links between the subject and the scope of conducting scientific research
2. Conducting scientific research
3. Formulating logical conclusions resulting from the research and analyzes undertaken
4. Preparation of the list of specialist literature used in the thesis
5. Editing the final form of M.Sc. thesis and prepared presentations on completed tasks

Teaching methods

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

Bibliography



Basic

1. Author's vademecum, recommendations of diploma thesis preparation prepared by Institute of Electric Power Engineering and Poznan University of Technology Publishing House
2. Literature recommended by supervisor connected with the subject of M.Sc. diploma thesis
3. Technical literature - books, magazines, technical papers, conference proceedings, technical brochures
4. Technical lexicones, encyclopaedias, technical guidebooks, vocabularies

Additional

1. Bibliography found by student
2. Exemplary, diploma thesis prepared previously

Breakdown of average student's workload

	Hours	ECTS
Total workload	375	15,0
Classes requiring direct contact with the teacher	125	5,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	250	10,0

¹ delete or add other activities as appropriate