



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar

### Course

Field of study

Power Engineering

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

3/6

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

15

### Number of credit points

3

### Lecturers

Responsible for the course/lecturer:

prof. dr hab. inż. Zbigniew Nadolny

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tel. 61 665 2279

Faculty of Environmental Engineering and

Energy

3A Piotrowo Str. 60-965 Poznan

Responsible for the course/lecturer:

### Prerequisites

He/she has basic knowledge accumulated during studying in the field of Electrical Power Engineering.

He/she can see and clarify the problem and problems in the area of energy. competencies. He/she

knows the basic possibilities of acquiring knowledge from literature sources and understands the need for continuous learning.

### Course objective

The presentation of literature, genesis, aim, and range of diploma work which concerning chosen problems in frame of electric Engineering.

### Course-related learning outcomes

Knowledge

He/she has knowledge in frame of metrology of measurements in electric power system



He/she knows the newest trends according to development trends in frame of electric power system on the basis of technical literature

He/she knows fundamental of author rights during preparation of diploma thesis in frame of electric power system

#### Skills

He/she can use available literature in printed and electronic version in frame of network and electric power system obtained information and summarize conclusions, and formulate opinions with arguments

#### Social competences

He/she has consciousness of consequences of own work results in frame of electric power engineering

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Assessment of prepared presentations of individual parts of diploma thesis in verbal form (literature, aim, range of the thesis)

### Programme content

Discussing the subject of proposed engineering diploma theses. Principles of work implementation, individual consultations and use of literature resources. Preparation for scientific research. Rules for preparing a presentation of a work and preliminary discussion of the manner of carrying out tasks.

### Teaching methods

Assessment of student presentations.

### Bibliography

#### Basic

The author's vademecum, recommendations for the preparation of publications prepared by the Poznań University of Technology Publishing House and detailed guidelines for editing the diploma thesis developed at the Institute

#### Specialist literature

Polish English dictionary

#### Additional

Examples of engineering diploma theses



### Breakdown of average student's workload

	Hours	ECTS
Total workload	90	3,0
Classes requiring direct contact with the teacher	40	2,0
Student's own work (determination of tasks covered by the scope of engineering diploma thesis, preparation of the presentation on the progress in the implementation of the engineering diploma thesis, preliminary review of the literature on engineering thesis, execution of preliminary research and analysis) <sup>1</sup>	50	2,0

<sup>1</sup> delete or add other activities as appropriate