



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar [S1Energ2>SD1]

Course

Field of study

Power Engineering

Year/Semester

3/6

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

15

Number of credit points

1,00

Coordinators

prof. dr hab. inż. Zbigniew Nadolny
zbigniew.nadolny@put.poznan.pl

Lecturers

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

Characteristics of the diploma thesis. Discussion of the proposed thematic areas of diploma theses. Discussion of the composition of the diploma thesis as well as editorial guidelines and recommendations (document formatting, graphic elements).

Course topics

Rules for preparing a general presentation regarding the topic of the work. Methods of searching for literature in modern databases and principles of its citation. Discussion of the elements of scientific research methodology and the principles of carrying out research conducted for the purposes of a diploma thesis (during the course, students present one paper constituting a concept for solving the problems of the diploma thesis). Participation in scientific research conducted at the supervisor's institute related to the field of study (using the PUT library resources - database of scientific journals. Basics of copyright and related rights.

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 | 25 | 1,00 |
| Classes requiring direct contact with the teacher | 15 | 0,50 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 10 | 0,50 |