



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar [N1Energ2>SD2]

Course

Field of study

Power Engineering

Year/Semester

5/9

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

part-time

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

20

Number of credit points

2,00

Coordinators

dr hab. inż. Jarosław Gielniak prof. PP
jaroslaw.gielniak@put.poznan.pl

Lecturers

Prerequisites

Has basic knowledge in the field of measurement and research methodology, knows development trends in the field of power engineering. Can use the available specialist literature in printed and electronic version. Is aware of the consequences of the results of his own work.

Course objective

Presentation of investigation results. Analysis and conclusions of problems analyses in diploma thesis. Learning about selected issues regarding the collection of the necessary materials and rules for the preparation of engineering thesis.

Course-related learning outcomes

Knowledge:

1. He/she knows detailed principles of application of author rights during preparation of diploma thesis in frame of network and electrical power engineering

Skills:

1. He/she can prepare and present short presentation about task in frame of electric power engineering

2. He/she can compare various project solution in range of fundamental problems in frame of electrical power engineering

Social competences:

1. He/she is ready to conform to principles of work in team in frame of electrical power engineering
2. Is aware of the need to expand knowledge in order to solve technical problems

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

1. Continuous evaluation of seminar activities of the student's activity and increase of his knowledge and skills needed to implement the diploma thesis.
2. Evaluation based on the results obtained and the method of their systematic presentation.

Programme content

Methodology for preparing a scientific paper. Diploma process: documents, procedures, deadlines, diploma exam. Legal aspects of plagiarism.

Course topics

1. Presentation of the proposed topics for master's theses.
2. Characteristics of the thesis, including differences in relation to the engineering thesis.
3. Preparation to conduct scientific (laboratory) research and discuss the obtained results.
4. Methods of searching for literature in modern databases and rules for citing it.
5. Fundamentals of Copyright and related rights.
4. Editing the final form of engineering thesis and preparing final presentation.

Teaching methods

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

Bibliography

Basic:

1. Bibliography on the subject of the diploma thesis recommended by the supervisor.
2. Author's vademecum, recommendations for the preparation of publications prepared by IE and the Poznan University of Technology Publishing House.
3. Specialist literature (books, articles, conference materials, technical brochures).
4. Lexicons, encyclopedias, technical guides, dictionaries.

Additional:

1. Bibliography found by the student in printed and electronic form.
2. Examples of very well prepared diploma thesis

Breakdown of average student's workload

| | Hours | ECTS |
|---|-------|------|
| Total workload | 50 | 2,00 |
| Classes requiring direct contact with the teacher | 20 | 1,00 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 30 | 1,00 |