



EG2311 Power System Research Project, part 1 7.5 credits

Forskningsprojekt i elektriska energisystem, del 1

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for EG2311 valid from Spring 2015

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Electrical Engineering

Specific prerequisites

AK2030 Theory and Methodology of Science.

Further, depending on the subject area of the project, other compulsory and/or elective courses may be required.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The aim of the course is to develop the students ability to carry out research within a specific topic from electric power systems research.

To pass the course, the students should show that they are able to

- carry out a literature review of a specific topic, i.e., to summarise the state-of-the-art and identify possibilities for further research,
- develop and apply relevant models and computation methods on basic problems within a given field.

Course contents

In each course round, a limited number of topics will be available for the students. Each student will work individually with his or her topic under guidance of an experienced researcher.

Disposition

Individual project work.

Course literature

Students should find their literature themselves with support of their supervisors.

Examination

- PRO1 - Project Work 1, 7.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Approved project work.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.