FEG3202 Seminar Course in Electric Power Systems 1.0 credits

Seminariekurs i elektriska energisystem

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

Establishment

Course syllabus for FEG3202 valid from Autumn 2011

Grading scale

G

Education cycle

Third cycle

Specific prerequisites

The course is intended for Ph.D. students in electric power systems, but can also be interesting for students from other fields of electrical engineering.

Language of instruction

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

Intended learning outcomes

After the course, the student should

- be acquainted to current research topics and industrial applications in electric power systems,
- be able to discuss and reflect upon current research topics and industrial applications in electric power systems,
- be able to give a presentation on a current research topic in electric power systems.

Course contents

Research topics and industrial applications in the field of electric power systems, for example stability and control of power systems, planning and operation of power system, electricity market design as well as computational and simulation techniques relevant to electric power systems.

Disposition

Seminars.

Course literature

Handouts, technical reports, scientific publications.

Examination

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

- Participation in at least ten seminars (where each seminar is about one hour long).
- 30 minutes presentation (+ up to 30 minutes discussion) on a selected topic in a seminar.

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.