



EJ2420 Seminars in Electrical Machines and Power Electronics 1.5 credits

Seminarieiserie i elektriska maskiner och effektelektronik

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

Establishment

Course syllabus for EJ2420 valid from Autumn 2007

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Electrical Engineering

Specific prerequisites

Language of instruction

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

Intended learning outcomes

When the student has passed the course the student should be able to:

- relate theoretical knowledge to industrial usefulness.
- describe and deepen the content of one of the seminars.
- Write and hand in an essay.

Course contents

The speakers define the content of the course. The content is related to Electrical Machines, Power Electronics, Electric Traction and Hybrid Drive Systems.

Course literature

Will be handed out at the seminars.

Examination

- ÖVN1 - Report, 1.0 credits, grading scale: P, F
- ANN1 - Attendance, 0.5 credits, grading scale: P, 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

Participation in at least six seminars. (ANN1; 0,7 cr)

One essay related to the course content.(ÖVN1; 0,8 cr)

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.