



SK1115 Electromagnetism and Waves

7.5 credits

Elektromagnetism och vågrörelselära

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

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

Establishment

Course syllabus for SK1115 valid from Autumn 2016

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Language of instruction

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

Intended learning outcomes

Course contents

Specific prerequisites

Course literature

Young and Freedman: University Physics, Pearson (aktuell upplaga anslås på kursens hemsida senast fyra veckor innan kursstart). Mastering Physics webb-systemet (tillhör till boken) används för inlämningsuppgifter.

Laborationsinstruktioner.

Examination

- INL1 - Hand in tasks, 1.5 credits, grading scale: P, F
- LAB1 - Laboratory experiments, 1.5 credits, grading scale: P, F
- TEN1 - Written exam, 4.5 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.

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.