



SK2320 Problem Solving in Optics 6.0 credits

Optisk problemlösning

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 SK2320 valid from Spring 2022

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Engineering Physics, Physics

Specific prerequisites

A grade of pass in SK2300 (Optical physics, 6 credits) or SK2400 (Quantum Electronics with Electro Optics 9 credits) or equivalent.

English B / English 6

Language of instruction

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

Intended learning outcomes

The student will, after the course, be able to solve the type of optics related problems that can occur in a professional work situation.

Course contents

The course is a “problem solving course”, without ordinary lectures. The main content is therefore depending on the choice of problems.

Examination

- INL1 - Assignments, 6.0 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.

Other requirements for final grade

Examination by hand in assignments (INL1; 6 credits, grading scale P/F).

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.