



HF0022 Physics for Technical Preparatory Year I 9.0 fup

Fysik för basår I

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

Establishment

The Vice-Rector for Education has decided on 4 April 2020 to adopt this syllabus as of HT 2020, diary: V-2020-0193.

Grading scale

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

Education cycle

Pre-university level

Specific prerequisites

Language of instruction

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

Intended learning outcomes

After completing the course, the student should be able to:

- Conduct, describe, analyze and report experiments to investigate the physics phenomena dealt with in the course.

- Apply basic physic models and concepts, to identify, analyze and solve physics problems, within the context of the course content, and present the solutions in a structured way.

Course contents

Examination

- **TENA** - Written examination, 7.5 fup, grading scale: A, B, C, D, E, FX, F
- **LAB1** - Laboratory Work, 1.5 fup, 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.

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.