



SD2465 Individual Project Work, Lightweight Structures 3.0 credits

Individuellt projektarbete, Lättkonstruktion

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

The course syllabus is valid from Spring 2022 according to the school principal's decision:
S-2022-0529 Decision date: 2022-02-24

Grading scale

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

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Varies with assignment.

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

Through the work and with adequate guidance, the student is expected to demonstrate the ability to:

- independently plan and carry out a limited design task or work on a technical inquiry within the topic Lightweight structures
- apply knowledge from the education on the performed project work
- collect additional knowledge and information necessary for the completion of the task
- orally present and discuss the prerequisites, methodology, approach and results of the work in a way that is clear and understandable for a technically conversant person
- present the work in writing at an agreed level of detail, in a way that enables a technically conversant person to understand and appreciate the work

Course contents

The task is individually formulated for each student depending on his/her interest and the availability of suitable project tasks. The work can be carried out by two or more students but then in a manner allowing for identification of the contribution from each individual student.

Examination

- RAP1 - Report, 3.0 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.

- RAP1 - Written report, 3.0 credits, grade scale: A, B, C, D, E, FX, F

Written report combined with continuous tutoring.

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.