



# MJ2140 Energy Systems and Models I 6.0 credits

## Energisystem och modeller I

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 MJ2140 valid from Autumn 2007

## Grading scale

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

## Education cycle

Second cycle

## Main field of study

Mechanical Engineering

## Specific prerequisites

Basic knowledge in Thermodynamics and Heat transfer.

## Language of instruction

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

# Intended learning outcomes

## Course contents

## Course literature

Compendium from the Department

## Examination

- LAB1 - Laboratory Work, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- LIT1 - Literature Study, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Project, 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.

## Other requirements for final grade

Project (PRO 1, 3 credits), literature study (LIT1, 1,5 credit), laboratory work (LAB1, 1,5 credit)

## 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.