



MJ2504 Integrated Project of the Year in Sustainable Energy

6.0 credits

Årets integrerade projekt i hållbar energi

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 MJ2504 valid from Autumn 2019

Grading scale

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

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

The other year TMESM student

Language of instruction

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

Intended learning outcomes

After passing the course, the students should be able to:

- LM 1 Describe and discuss the structure and impact of energy systems and further develop energy systems
- LM 2 Analyse the interplay between energy systems and sustainability
- LM 3 Demonstrate the ability to lead business discussions at advanced level
- LM 4 Demonstrate the ability to carry out an innovation process in complex energy conversion chains
- LM 5 demonstrate an academic approach to project applications, report writing and communication

Course contents

Project Work in sustainable energy systems combined with innovation and entrepreneurship.

Course literature

Varierad beroende på projektuppgiften

Examination

- INL1 - Written report, 0.5 credits, grading scale: P, F
- INL2 - Written report, 0.5 credits, grading scale: P, F
- PRO1 - Project work, 2.0 credits, grading scale: A, B, C, D, E, FX, F
- PRO3 - Project work, 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

The final mark becomes a weighted grade between PRO1 (40%) and PRO3 (60%). To pass the course, E should also be achieved on INL1 and INL2.

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.