



MH103V Materials in a Circular Society - Project in Metals 2.0 credits

Material i ett cirkulärt samhälle - Projekt inom metaller

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

Establishment

On 2024-09-10, the Head of the ITM School has decided to establish this official course syllabus to apply from spring term 2025 (registration number M-2024-0626): M-2024-1579

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed the course MH102V Materials in a Circular Society - Metals 1.0 higher education credits.

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 student should be able to:

- Apply concepts and methods concerning circular economy and metals in a real case
- Analyse, in a real case, possibilities and challenges for how metals could contribute to a sustainable society and a circular economy
- Present an analysis in speech and writing

Course contents

This course intends to give a specialised understanding of the properties, production and recycling of the most common metals and for their role in a sustainable society and in a circular economy. The course consists of a project, where the participants choose a real case to analyse and apply their knowledge in circular economy and recycling on it. As the course is directed to professionals, the participants are encouraged to choose their case from activities that they have experience from.

Examination

- PRO1 - Project assignment, 2.0 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.

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.