MH2450 International Seminar in Material Processes 6.0 credits

Internationellt seminarium inom materialprocesser

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

Establishment

Grading scale

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

Education cycle

Second cycle

Main field of study

Materials Science, Materials Science and Engineering

Specific prerequisites

A sound knowledge of science and engineering aspects of metallurgical/combustion processes

Language of instruction

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

Intended learning outcomes

The aim is to stimulate the students to investigate a specific topic in materials process design in depth, write a scientific report and present the same for an audience of students and teachers from foreign universities. The students are also expected to function as opponents for corresponding presentations from other universities.

Course contents

The course covers the entire metallurgical process science area including heat and furnace technology. Students from other areas are allowed to choose the topics of their interest after approval from the coordinators.

Disposition

Period 1
Lectures 24 h
Project 60 h

**Period 2
**Lectures 4 h
Project 60 h
Seminar 24 h

Course literature

Litteraturstudie.

Examination

- PROA - Project, 6.0 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.

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.