



# MH2287 Joining Technology 6.0 credits

Fogningsteknik

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

## Establishment

Course syllabus for MH2287 valid from Autumn 2010

## Grading scale

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

## Education cycle

Second cycle

## Main field of study

Materials Science and Engineering

## Specific prerequisites

MH1014 Fundamentals of Materials

or equivalent

## Language of instruction

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

## Intended learning outcomes

After having completed the course the students will

- have an understanding of soldering, brazing, welding as well as riveting
- be able to perform calculations on heat transfer
- be able to decide on which method to use when
- know how to use the different techniques

## Course contents

A survey of problems in joining with a concentration on weldability of steel and welding methods. Soldering, brazing, riveting are also covered.

## Course literature

Distributed material and a compendium in Welding technology

## Examination

- SEM1 - Seminars, 1.0 credits, grading scale: P, F
- TEN1 - Examination, 3.5 credits, grading scale: A, B, C, D, E, FX, F
- LAB1 - Laboratory work, 1.5 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.