



MH2281 Metal Forming 6.0 credits

Metal Forming

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 MH2281 valid from Autumn 2007

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

4M1345 Powder Processing and Metals Forming, 4 credits or equivalent.

Language of instruction

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

Intended learning outcomes

To acquire a deeper knowledge about metal forming under different conditions and in various processes.

Course contents

After completed course the student will know:

- Metal forming fundamentals and applications.
- Metal forming mechanics.
- Workability of testing techniques.
- Tribology in metal forming and other phenomena.

Course literature

G. E. Dieter, Mechanical Metallurgy

Examination

- LAB1 - Laboratory Work, 2.3 credits, grading scale: P, F
- TEN1 - Examination, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercises, 2.2 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.

Other requirements for final grade

Tutorial (ÖVN1; 2,2 cr),
Lab work (LAB1; 2,3 cr)
Examination (TEN1; 1,5 cr)

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.

