MG1012 None Destructive Testing 3.0 credits

Oförstörande provning

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 MG1012 valid from Autumn 2007

Grading scale

P, F

Education cycle

First cycle

Main field of study

Mechanical Engineering,Technology

Specific prerequisites

Basic course in Welding Technology or equivalent

Language of instruction

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

Intended learning outcomes

To provide basic knowledge about the methods for nondestructive testing of welded joints

Course contents

Nondestructive testing is the course that provides student both theoretical and practical knowledge in this field. The course is carried out with close collaboration with industries and relevant laboratory experiments in Nondestructive Testing.

Course literature

Compendium for nondestructive testing, KTH. Nondestructive welds by Raj Subramanian Jayakumar. Student may choose any of the above mentioned literature.

Examination

- TEN1 - Examination, 3.0 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.

Other requirements for final grade

Examination (TEN1; 3 credits)

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.