MG1012 None Destructive Testing 3.0 credits

Oförstörande provning

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

Establishment

Course syllabus for MG1012 valid from Autumn 2015

Grading scale

P, F

Education cycle

First cycle

Main field of study

Mechanical Engineering, Technology

Specific prerequisites

Basic eligibility and 120 cr in Engineering

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 will be able to:

Describe and use, in simple cases, methods for nondestructive testing of welded joints

Course contents

Non-Destructive 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 Non-Destructive Testing.

Course literature

Kompendium "Oförstörande provning", KTH.

Nondestructive testing of welds, Raj Subramanian Jayakumar.

Eleven väljer själv vilken av ovanstående litteratur han/hon vill använda.

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.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Passed written examination (TEN1; 3 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.