MF2024 Robust and Probabilistic Design 6.0 credits

Robust konstruktion

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

Establishment

Course syllabus for MF2024 valid from Spring 2009

Grading scale

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

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Qualified förr studies in grade 3 and P: MF1012/4F1812, MF1013/4F1813, MF1014/4F1814 ellerM: MG1003/4G1162, MG1004/4G1163 T: MF1015/4F1815

Language of instruction

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

Intended learning outcomes

Course contents

Course literature

Clyde M. Creveling "Tolerance design Tolerance Design: A Handbook for Developing Optimal Specifications

Examination

- INL1 - Assignments, 3.0 credits, grading scale: P, F
- TEN1 - Written examination, 3.0 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.