CM1012 Skills for future engineers – Gender Equality, Equity and Inclusion 2.0 credits

Färdigheter för framtidens ingenjörer – Jämställdhet, Jämlikhet och Inkludering

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

Establishment

The official course syllabus is valid from the autumn semester 2026 as decided by the Faculty Board decision PA-2025-0010. Date of decision: 2025-10-01

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Basic eligibility for university studies.

Intended learning outcomes

After completing the course, the student should be able to:

Identify and give examples of expressions of inequality and gender inequality in working life

Identify and give examples of inclusive and exclusive processes in organizations

Identify and give examples of how technological development and inequality/inequality in society can affect each other

Discuss and reflect on what an intersectional gender perspective on technological development can mean

Course contents

The course provides knowledge and skills for the student to be able to work as an employee and leader in working life and to be able to reflect on the possibilities and limitations of technology to contribute to sustainable development with a particular focus on gender equality and equality. The student gains basic knowledge from research on gender and organization about how inequality and gender inequality can be expressed in working life, and about inclusive and exclusive processes in organizations. Based on this knowledge, the student will reflect, individually and in groups, on their own practice and the need for changed practices to promote equal, gender-equal and inclusive workplaces.

The course also provides basic knowledge from research on technology and gender with the aim of contributing to inclusive technological development. With a particular focus on medical technology, the student will gain knowledge of how inequality and inequality can affect technological development and how technological development can in turn both recreate and counteract inequality and inequality in society.

Examination

- INL1 - Homework 1, 1.0 credits, grading scale: P, F
- INL2 - Homework 2, 1.0 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.

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.