LS2444 Technical Communication in English 7.5 credits

Teknisk kommunikation på engelska

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

Establishment

The official course syllabus is valid from the fall semester 2024 in accordance with the decision by the Head of the ITM School: M-2023-1893. Date of decision: 2023-10-12

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

Documented knowledge in a STEM discipline, with a minimum of 90 ECTS, and English proficiency equivalent to B2 according to the Common European Framework of Reference for Languages.

Language of instruction

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

Intended learning outcomes

In a language-focused learning environment and with course participants from different technical disciplines, the students learn both the mechanics of English and strategies to communicate their technical knowledge in clear, concise, and precise English.

After passing the course, the students should be able to:

1. create texts with technical content, adapt them to different audiences and purposes, and present the texts in speech and writing
2. identify and apply the principles and conventions for scientific discourse
3. analyse and evaluate the writing process and assess the role of writing tools in this process
4. explain technical concepts in English, and engage in discussions on different technical subjects

Course contents

The course aims for its participants to develop their domain-specific knowledge by adapting their technical communication to different genres, audiences, and purposes. Course participants work individually and in groups with a focus on clear, concise, and precise English. They work with important principles in Science, Technology, Engineering, and Mathematics (STEM) such as sustainability, diversity, equal opportunities, and integration. Course participants receive training in and personal feedback on:

- advanced scientific English: sentence structure, text flow, scientific style, vocabulary, and reference management

- language and discourse analysis

- peer review, reflection, and self-evaluation

- technical genres (e.g. instructions, proposals, presentations)

Examination

- INL1 - Assignments, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- SEM1 - Seminars, 2.0 credits, grading scale: P, F
- TEN1 - Oral examination, 1.5 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.