CH2000 Advanced course in Technology, Work and Health applications 7.5 credits

Avancerad kurs i tillämpningar för teknik, arbete och hälsa

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

Establishment

On 2019-10-15, the Head of School of CBH has desided to establish this official course syllabus to apply from th autumn semester 2020 (registration number C-2019-2002).

Grading scale

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

Education cycle

Second cycle

Main field of study

Technology and Health

Specific prerequisites

Language of instruction

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

Intended learning outcomes

The overall aim of the course is that the students should be able to deepen their theoretical knowledge and understanding within a specific topic that is relevant to their education in the Master's program in Technology, Work and Health and that they gain experience-based knowledge about the specific subject.

After completing the course and clarifying its requirements, the student shall:

1. have experience-based knowledge on how to find suitable and relevant sources that are suitable for providing theoretical knowledge and understanding of specific topics in technology, work and health
2. acquire knowledge and understanding by studying these sources
3. be able to describe the acquired knowledge in their own words both orally and in a written report, including a summary of the most important results and a reflection on how this knowledge can be applied, also from a Human-Technology-Organization (MTO) perspective
4. initiate and methodically and in a structured manner implement a project where the theoretically acquired knowledge is applied or discussed on an advanced level to obtain experience-based, practical knowledge through the application of theories / methods or the like
5. have experience in documenting and communicating the results of their own work in the course orally at a seminar and in writing in a final report
6. have trained their ability to study and assess the work of others in a structured way.

Course contents

A theoretical part which is carried out by the students individually and examined in a report and a seminar, and a project part where the acquired theoretical knowledge and understanding is applied and which is examined in a written report and a final seminar. The theoretical part may include an overview of theories, methods or other relevant courses within the topic area. The application of the theoretical knowledge in a project may include analysis of empirical data or to carry out an advanced discussion on the applicability and/or the implication of the content which is in focus for the theoretical part. The final seminar includes studying and judging others work.

Examination

- TEN1 - Final seminar, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- PROA - Theory, 3.0 credits, grading scale: P, F
- PROB - Project, 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

Approved written presentation of assignments and active participation in final seminar. The final grade of the course is issued when all course elements are approved. The final grade (A-F) is decided from the results of TEN1.

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.