



# LC200N Digital Competence and Learning II 8.0 credits

## Digital kompetens och lärande II

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

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

## Establishment

Course syllabus for LC200N valid from Autumn 2010

## Grading scale

P, F

## Education cycle

Second cycle

## Main field of study

Technology and Learning

## Specific prerequisites

LC100N Digital Competence and Learning - ICT and Pedagogy for the 21st Century or equivalent corresponding knowledge to Swedish B and English A.

## Language of instruction

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

## Intended learning outcomes

### **The course aims to give the participants:**

- further knowledge about the most important ICT pedagogical theories,
- an overview over recent research in the area,
- further knowledge on methods and models for successful e-learning so that more people can use these to develop new and existing courses.

The course aim is that after taking the course participants should be able to;

- show advanced knowledge of ICT- pedagogical methods and how to use them.
- explain the most important pedagogical theories that are the base for e-learning and recent research in the area.
- assess when, what, why and how ICT should be used as pedagogical and methodical support for teaching.
- choose the way to work and digital tools that suit content, surrounding and context best.
- show ICT skills and understand the importance of continually updating these.

## Course contents

ICT-pedagogical theories and methods

Theories, methods and prerequisites to create open resources (OER)

Law and justice on the Internet

Digital databases, search systems and source criticism

Own project

## Disposition

Web based distance course

## Course literature

The course literature consists of international literature and recent articles, compendiums and e- books in regarding the subject.

Added will also be relevant course literature on chosen project assignment. The course literature will be posted on the homepage at the latest 4 weeks before the course starts.

## Equipment

The course is given at a distance and is completely web based. Equipment needed is Internet, web camera and a headset.

## Examination

- INL1 - Assignment, 1.0 credits, grading scale: P, F
- INL2 - Assignment, 1.0 credits, grading scale: P, F
- INL3 - Assignment, 1.0 credits, grading scale: P, F
- INL4 - Assignment, 1.0 credits, grading scale: P, F
- PRO1 - Project, 4.0 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.

Home assignments and exams regarding the literature (INL 1; 1 cr, INL2; 1 cr, ILNL3; 1 cr and INL4; 1 cr).

Project assignment: Give an account of a test with (or field study) integration of digital media as a support for teaching (PROJ; 4 cr).

## Other requirements for final grade

Examination by:

Passing grade on hand in assignments and exams regarding the literature (INL 1; 1 cr, INL2; 1 cr, ILNL3; 1 cr and INL4; 1 cr).

Project assignment: Give an account of a test with (or field study) integration of digital media as a support for teaching (PROJ; 4 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.

