



# Detailed course syllabus Computer science 2016

## Reflective Teaching in a Subject Perspective

This course offering is given for computer science teachers from June 2016 until January 2017. The instructor is Viggo Kann, who is one of the educational developers at CSC.

The course consists of five meetings with preparatory work before each meeting. The work of each meeting should take about 8 hours, so that the course in total takes a week's work. The idea is that most of the work should be of direct value for your own courses and your own competence.

Before each meeting you are expected to:

- read the teaching and learning scientific article or report selected as reading,
- write a reflection on the article and the teaching that you have been involved in since the last meeting and publish it on the course web,
- read the other course participants' reflections and comment each reflection on the course web.

The meetings are aimed at spreading of ideas, development of courses, teaching and pedagogy.

Preliminary schedule:

- Meeting 1 June 20, 2016 14.15-15.45 in 4532  
Topic: the educational program (pedagogiska programmet) of KTH.
- Meeting 2 in August 2016  
Topic: grading criteria and assessment.
- Meeting 3 in October 2016  
Topic: how to use variation theory to design learning activities.
- Meeting 4 in December 2016  
Topic: course evaluation and learning environment.
- Meeting 5 in January or February 2017  
Topic: course analysis, and self-regulated learning.

Instructions for each meeting will be added as subpages under this web page.

To pass the course you need to do the preparatory work for at least four of the meetings and to participate actively in at least four of the meetings. You can count preparatory work and participation against taking part in one of the workshops organized by educational developers.