



KTH Education and Communication
in Engineering Science

Teaching and Learning in Subject Perspective

Course code LH203V, 5 credits

Spring 2013

The course Teaching & Learning in Subject Perspective is a continuation course.

Prerequisite LU1 or equivalent

Language English

Course Objectives

The course participant should, after the course, be able to:

- Describe general didactical problems at hand.
- Identify strengths and weaknesses in different theoretical and methodological approaches.
- Independently formulate didactical problems that may be empirically investigated.
- Critically assess the quality of scientific didactical texts and motivate her/his standpoints.

Course meetings and preliminary contents

February 4	Didactical problems
February 11	Teaching and Learning in Mathematics
March 6	The Gender perspective
March 13	Threshold Concepts
April 15	Variation Theory
May 2	Phenomenography
May 21	Examination

All meetings are in the afternoon, at 13.15 – 16.00.

Please note that there are reading and writing assignments to the meetings, including the first meeting.

Preliminary deadline for the first assignment is January 31, i.e. before the first course meeting.

5 credits correspond to 133 hours workload. In addition to the scheduled time you will do about 100 hours of work, in terms of literature and preparations for meetings, and a larger final assessment task.

Note! Register for the course only if you can attend the meetings and do the required work outside scheduled hours.

Registration

The course is free for participants employed at KTH. For others, there is a fee of 13983 SEK per person. If you cancel later than two weeks before the start of the course, a cancellation fee of 2000 SEK will be charged.

You can sign up for the course at the following link

www.webforum.com/form/learninglab/form.asp?sid=539274552

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