



HL1012 Work Place Training in Medical Engineering 3.0 credits

Verksamhetsförlagd utbildning i medicinsk teknik

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

Establishment

Course syllabus for HL1012 valid from Autumn 2014

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Medicinsk grundkurs or equivalent

Language of instruction

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

Intended learning outcomes

After completing the course students will be able to:

- Describe the work and problems in selected medical clinics
- Describe clinical engineering practice in hospitals
- Understand the care from a patient's perspective
- Discuss medical and technical issues with health professionals
- Discuss medical devices in healthcare

Course contents

Practice in a clinical engineering department

Practical observation of care with supervision

Lectures and Seminars

Documentation and report writing

Course literature

Jacobson och Öberg: Teknik i praktisk sjukvård, Studentlitteratur

Bertil Jacobson: Medicin och teknik, Studentlitteratur

Course materials from basic courses

Handouts and collected material and notes from lectures and seminars

Examination

- RED1 - Assignments and at Least 80% Attendance, 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

Portfolio with passed assignments

High attendance at all components (course management decides, over 80%)

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.