FKD3090 Research Frontiers in Surface and Corrosion Science 4.0 credits

Forskningsfronten inom yt- och korrosionsvetenskap

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

Establishment

Course syllabus for FKD3090 valid from Spring 2009

Grading scale

G

Education cycle

Third cycle

Specific prerequisites

Undergraduate exam in chemistry, physics, material science or similar that entitles entrance to PhD-studies in the area of surface and corrosion science

Language of instruction

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

Intended learning outcomes

After completing the curse the students shall be able to:

- Be familiar with current research areas in surface and corrosion science
- Be familiar with how modern research instruments are utilized in order to increase the understanding of surface and corrosion science
- Develop the skills in oral presentations

Course contents

The course treats current topics within the area of surface and corrosion science. The course is given continuously with 1 lecture each week. The lectures are provided by PhD students as well as by senior scientists.

Course literature

Lecture materials

Examination

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

For passing the course it is required that the students actively participates at least 20 times. It is also required that each student give at least one high quality Power Point presentation in English.

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.