



SD1700 Introduction to Naval Systems 15.0 credits

Introduktion till marina system

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 SD1700 valid from Autumn 2008

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Base programme T, M, P, F or equivalent.

Language of instruction

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

Intended learning outcomes

The high level learning objectives are that you shall train yourself in

- applying knowledge and skills, gained during the education, on problem statements typical for naval architecture
- formulateing a technical task and apply naval architecture methodologies to find and test feasible solutions
- independently solidify and deepen own existing knowledge
- presenting technical work in writing, in line with standard requirements on content, disposition and language
- identifying and discuss ethical questions related to the engineering profession
- acting professionally when presenting own work and judging work by others
- using basic instruments for an active career-start
- describing fundamentals of technology-based entrepreneurship.

Course contents

The main part of the work relates to a project task which shall be planned, completed, and reported in line with a given schedule. The project task concerns the design process of a ship where both technical and business aspects are treated. Some theory is covered during the first study-period (period III) which covers aspects of stability, resistance, propulsion, mechanics of sailing etc.

Course literature

Course binder, Garne, Kutteneuler & Rosén.

Examination

- PRO1 - Project, 15.0 credits, grading scale: A, B, C, D, E, FX, 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.

Other requirements for final grade

Written report (PRO1).

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.