SF1611 Introductory Course in Mathematics I 1.5 credits

Introduktionskurs i matematik I

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

Establishment

Course syllabus for SF1611 valid from Autumn 2007

Grading scale

P, F

Education cycle

First cycle

Main field of study

Mathematics, Technology

Specific prerequisites

Advanced mathematics from high school (courses A-D).

Language of instruction

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

Intended learning outcomes

To give a basic understanding of algebra and elementary functions.

To train the students' computational skills.

Course contents

Equations, completion of squares, formulas, the concept of a function.

Polynomials, rational functions, polynomial division, roots, inequalities, logarithms, exponentials.

Course literature

To be announced at course start. Last time Albertsson, Johansson, Oscarsson, Tengstrand/ Basfärdigheter i algebra was used.

Examination

 • ANN1 - Introduction, 1.5 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

Home exam (ANN1; 1 credit)

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.