



# SE2119 Finite Element Method, Project Course 3.0 credits

Finit element-metod, projekt

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 SE2119 valid from Autumn 2007

## Decision to discontinue this course

<p>Decision on discontinuation on October 3 2019. Last date for examination is in spring 2021. (diary number S-2019-1651)<br />Two new courses SE2860 FEM modelling and SE2870 FFE for Nonlinear Problems in Solid Mechanics takes over the role of the course in the track.</p>

## Grading scale

P, F

## Education cycle

Second cycle

## Main field of study

Mechanical Engineering

## Language of instruction

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

## Intended learning outcomes

After the course, the participant should be able to

- solve, using FEM, an advanced problem in solid mechanics within the framework of a project work.
- present, within the framework of a project work, the solution to a advanced problem in solid mechanics summarized in a written report.

## Course contents

The use of FE-software is trained by project work.

## Specific prerequisites

SE1025

## Examination

- BER1 - Project, 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.

## Other requirements for final grade

Project (BER1; 3 university credits).

## 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.

## Additional regulations

No special requirements during the discontinuation process

