



# FMF3014 Literature Course in Real-Time Systems II 15.0 credits

Litteraturkurs i realtidssystem II

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

## Establishment

Course syllabus for FMF3014 valid from Autumn 2020

## Grading scale

P, F

## Education cycle

Third cycle

## Specific prerequisites

Admitted to PhD studies

## Language of instruction

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

## Intended learning outcomes

After completed course, students are expected to present a study of the area of cyber-physical systems including the following learning goals and areas are included:

- challenges and trends within the area of cyber-physical systems
- current research questions and methods within the area of cyber-physical systems

The scientific area is to be studies both according to stat of the art, the research front, as well as from industrial competence level.

## Course contents

The course includes current examples and challenges of cyber-physical systems-related products and product development, solution alternatives, tools and methods for analysis and design.

## Examination

- INL1 - Assignment, 15.0 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.

## 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.