

# Computational Fluid Dynamics, advanced course

Programme course

6 credits

Beräkningsmetoder i strömningslära, fk

TMMV07

Valid from: 2017 Spring semester

**Determined by**

Board of Studies for Mechanical  
Engineering and Design

**Date determined**

2017-01-25

## Main field of study

Aeronautical Engineering, Mechanical Engineering

## Course level

Second cycle

## Advancement level

A1X

## Course offered for

- Energy-Environment-Management
- Mechanical Engineering, M Sc in Engineering
- Mathematics, Master's programme
- Mechanical Engineering, Master's programme

## Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

## Examination

UPG1	Assignments	6 credits	U, 3, 4, 5
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## Grades

Four-grade scale, LiU, U, 3, 4, 5

## Department

Institutionen för ekonomisk och industriell utveckling

## Director of Studies or equivalent

Johan Renner

## Examiner

Roland Gårdhagen

## Course website and other links

## Education components

Preliminary scheduled hours: 60 h

Recommended self-study hours: 100 h

## Course literature

Computational Fluid Dynamics - A Practical Approach J Tu, G-H Yeoh and C Liu,  
Elsevier 2008 ISBN: 978-0-7506-8563-4

## Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at [http://stydokument.liu.se/Regelsamling/Innehall/Utbildning\\_pa\\_grund-\\_och\\_avancerad\\_niva](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).