

CAD and Drafting Techniques, Continued Course

Programme course

6 credits

Cad och ritteknik, fortsättningskurs

TMMI68

Valid from: 2019 Spring semester

Determined by

Board of Studies for Mechanical
Engineering and Design

Date determined

2018-08-31

Main field of study

Mechanical Engineering

Course level

First cycle

Advancement level

G2X

Course offered for

- Mechanical Engineering, B Sc in Engineering
- Design and Product Development, M Sc in Engineering
- Mechanical Engineering, M Sc in Engineering

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.

Prerequisites

Basic course in CAD

Intended learning outcomes

The course will provide knowledge of drawing techniques with emphasis on dimensioning and tolerance systems, and the use of CAD tool to produce advanced engineering drawings.

Course content

Technical drawing: Intermediate with special emphasis on tolerance systems and dimensions. CAD: In-depth use of computer-based drawing and design tools in engineering work

Teaching and working methods

The course consists of lectures and laboratory work

Examination

PRA2	Project	3 credits	U, 3, 4, 5
LAB2	Computer Assignments	1 credits	U, G
UPG3	Assignments	2 credits	U, 3, 4, 5

Grades

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

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Mikael Axin

Examiner

Peter Hallberg

Education components

Preliminary scheduled hours: 78 h

Recommended self-study hours: 82 h

Course literature

Books

Eriksson, Nils-Olof, Karlsson, Bo, (2014) *Verkstadshandboken 15.*, rev. uppl.
Stockholm : Liber, 2014
ISBN: 9789147115419

Compendia