



*Course syllabus*

# Digitala verktyg 4 Digital Tools 4

**AADA15, 2 credits, G1 (First Cycle)**

**Valid for:** 2023/24

**Faculty:** Faculty of Engineering, LTH

**Decided by:** PLED A

**Date of Decision:** 2023-03-28

## General Information

**Main field:** Architecture.

**Compulsory for:** A2

**Language of instruction:** The course will be given in Swedish

## Aim

The course aims at acquiring a depth of knowledge and developing additional skills in managing CAD, and to introduce object-based CAD and 3D modelling using CAD tools.

## Learning outcomes

### *Knowledge and understanding*

For a passing grade the student must

To be formally approved, the student must demonstrate that he/she:

- Is able to describe basic features of object oriented CAD.

### *Competences and skills*

For a passing grade the student must

To be formally approved - the student must demonstrate that he/she:

- Understands and has a capability to work with the basic methods for 3D modelling using CAD tools.
- Is able to compile a simple but communicative, drawing using object oriented CAD applications.

#### *Judgement and approach*

For a passing grade the student must

To be formally approved - the student must demonstrate that he/she:

- Is able to demonstrate a critical approach to different presentation and design methods and technical solutions in design and planning.

## Contents

This course aims at acquiring additional depth of knowledge of CAD, and introduces object-based CAD and 3D modelling in CAD through lectures and guided exercises. Tutorials are selected to be relevant for architecture and planning presentations.

## Examination details

**Grading scale:** UG - (U,G) - (Fail, Pass)

**Assessment:** To be formally approved, the student must attain a passing grade in all exercises.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

## Admission

**Admission requirements:**

- AADA05 Digital Tools 2

**The number of participants is limited to:** No

## Reading list

- No compulsory literature is attached to the course. In the course the student trains the skill in digital tools.

## Contact and other information

**Course coordinator:** Gediminas Kirdeikis, [gediminas.kirdeikis@arkitektur.lth.se](mailto:gediminas.kirdeikis@arkitektur.lth.se)