



Course syllabus

Digitala verktyg 6 Digital Tools 6

AADA25, 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: A3

Language of instruction: The course will be given in Swedish

Aim

The course aims to introduce digital tools for visualization and rendering, and enhances skills in 3D-modelling, image processing and presentation of architectural projects using digital tools.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

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

- Understands and is able to explain the similarities and differences between digital tools for visualization, rendering and presentation.
- Is able to describe the fundamental features of graphic design.

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 of digital visualization and rendering.
- Is able to work with 3D models, photographs and artwork, when creating architectural presentations.

- Has the capacity to compile an advanced communicative, graphic presentation with a consciously tailored combination of images, text and drawings.

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 methods and techniques in image processing, visualization, rendering and presentation.
- Is able to compare and evaluate different graphic design solutions for architectural presentations.

Contents

This course introduces digital tools for visualization and rendering. In addition, the aim is to deliver further training and enhance skills in 3D-modelling, imaging, photography and layout - through lectures and guided exercises. Tutorials are selected to be relevant to architectural 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:

- AADA01 Digital Tools 1
- AADA10 Digital Tools 3

The number of participants is limited to: No

Contact and other information

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