

SYLLABUS

Sketching and drawing 7.5 credits D0054A

Skiss- och rittekniker

Course syllabus admitted: Autumn 2023 Sp 1 - Autumn 2024 Sp 2

**DECISION DATE
2021-11-04**

Sketching and drawing 7.5 credits D0054A

Skiss- och rittekniker

First cycle, D0054A

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G#	Industriell design	Other Subjects within Technology

Main field of study

Architecture

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language + Swedish upper secondary school courses Physics 2, Chemistry 1, Mathematics 4 or Mathematics E.

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Course Aim

The course aims to provide basic knowledge and practical skills in communication through basic sketching, drawing and illustration techniques, both analog and digital. As a result of the course, the student should demonstrate:

Knowledge about

- How different sketching techniques and composition of illustrations can visualize architecture in built environment in different contexts
- Scales and degree of details in built environment and how this can be communicated
- Sketching techniques: different manners and techniques
- Basic drawing and painting: color theory, color theory and color techniques
- The basics of 3D projection
- How architecture can be communicated through different sketching techniques and for different target groups
- How different types of drawing and coloring techniques work in different media (e.g. different architectural presentations)
- Analog hand-drawn sketching versus digital illustrations
- The value of sketching as a creative work tool and as a basis for presentation and communication of architectural and technical solutions in built environments

Skill and ability to

- visualize ideas and concepts through freehand sketches and perspectives
- visualize the whole and details of the built environment through both analog and digital technologies
- Sketching in different techniques, scales and degree of detail for both building and city building
- Draw in planes, sections, facades and simpler 3D projections
- Draw plans and perspectives for built environment
- Develop the sketch with regard to color, light and shadow
- Use digital tools for image editing and graphic communication

Judgment and validation ability to

- Assess and value different sketching techniques against each other
- Reflect on one's own sketching and show ability for own competence development

Contents

The course includes the use of different types of analogue sketching and drawing techniques and materials such as pencils, markers, fineliners and watercolors as well as handwriting with text and letters in uppercase. It also includes 2D projection of plan, facade and section, as well as sketching techniques for different scale areas and built environment. In the course we work on the development of sketches with the help of hatching, lighting, shadowing and coloring. We treat basic 3D projection, people, vegetation, environments etc. in different scales and proportions. In the course you will practice visualization of different geometries, materials and textures and we use digital tools for image editing, layout and visual communication for example: Photoshop, Illustrator, InDesign.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Lectures with integrated exercises. The course has a great deal of independent work with both group and individual exercises, hand-ins and feedback. The course comprises a large number of exercises and assignments that are partially performed during the scheduled course elements and are largely completed during the rest of the course time. Compulsory attendance.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Approved assignments. Presence in classes. Marks U, G#

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

Students must register for the courses themselves, or contact ETKS educational administration eduetks@ltu.se, not later than three days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed Place.

The course replaces the course D0021A.

Due to similar content, the course can not be included in a degree together with the course D0021A or other courses with similar content.

Overlap

The course D0054A is equal to D0021A

Course offered by

Department of Social Sciences, Technology and Arts

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Sketching and drawing 1	U G#	1.5	Mandatory	S21	
0002	Sketching and drawing 2	U G#	2	Mandatory	S21	
0003	Sketching built environment	U G#	2	Mandatory	S21	
0004	Digital sketching and communication	U G#	2	Mandatory	S21	

Last revised

by Director of Undergraduate Studies Daniel Örtqvist, Department of Social Sciences, Technology and Arts 2021-11-04

Syllabus established

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2020-02-14