



Digital tools for communication

Digitala verktyg för kommunikation

5 credits

Ladok Code: AT1DV1

Version: 1.0

Established by: Committee for Education in Technology 2025-06-05

Valid from: Autumn 2025

Education Cycle: First cycle

Main Field of Study (Progressive Specialisation): Textile Technology (G1N)

Disciplinary Domain: Technology

Prerequisites: General entry requirements for university studies

Subject Area: Textile Technology

Grading Scale: Seven-degree grading scale (A-F)

Content

This course introduces a selection of digital tools that support effective communication in the professional fields of textile technology, innovation and management. It consists of two main modules, each addressing a distinct aspect of communication: the first focuses on digital tools for the visual communication of product designs and ideas, while the second emphasizes communication through data analysis and visualization. The course is anchored in practical application, where participants engage in hands-on exercises to strengthen their skills in using digital tools relevant to textile-related contexts.

Learning Outcomes

After completing the course, the student should be able to,

Knowledge and understanding

1.1 describe relevant digital tools that enable visual communication of product design and ideas

1.2 describe relevant digital tools that support communication through analysis and visualization of data

Skills and abilities

2.1 use the current digital tools at a basic level

2.2 communicate design and ideas using digital tools

2.3 visualize data digitally

Critical judgment and evaluation

3.1 evaluate the strengths and weaknesses of different digital tools used for communication

Forms of Teaching

Lectures, laboratory sessions

The language of instruction is English. However, instruction in Swedish may occur.

Forms of Examination

The course will be examined through the following examination elements:

Assignment 1

Learning outcomes: 1.1, 2.1-2.2 och 3.1

Credits: 1.5

Grading scale: Fail (U) or Pass (G)

Assignment 2

Learning outcomes: 1.2, 2.1, 2.3 och 3.1

Credits: 1.5

Gradingscale: Fail (U) or Pass (G)

Assignment or Presentation

Learning outcomes: All

Credits: 2

Gradingscale: Seven-degree grading scale (A-F)

Depending on the size of the class and available resources, the final assignment can either be completed as an assignment or as a visual and oral presentation.

The result of the final submission or presentation determines the final grade for the course, provided that the other examination parts are passed.

The assignments are examined at the time of the course and during the re-examination period before the start of the autumn semester.

If the student has received a decision/recommendation regarding special pedagogical support from the University of Borås due to disability or special needs, the examiner has the right to make accommodations when it comes to examination. The examiner must, based on the objectives of the course syllabus, determine whether the examination can be adapted in accordance with the decision/recommendation.

Student rights and obligations at examination are in accordance with guidelines and rules for the University of Borås.

Literature and Other Teaching Materials

Course literature will be announced at the start of the course and made available to students via the learning platform of the University of Borås.

Student Influence and Evaluation

The course is evaluated in accordance with current guidelines for course evaluations at the University of Borås in which students' views are to be gathered. The course evaluation report is published and returned to participating and prospective students in accordance with the above-mentioned guidelines, and will be taken into consideration in the future development of courses and education programmes. Course coordinators are responsible for ensuring that the evaluations are conducted as described above.

Miscellaneous

This syllabus is a translation from the Swedish original.

The course is part of the Textile Production and Innovation program.