UNIVERSITY OF BORÅS

Creative design processes
Kreativa designprocesser
7.5 credits

Ladok Code: AT2KD1
Version: 4.0
Established by: Committee for Education in Technology 2023-03-03
Valid from: Autumn 2023

Education Cycle: Second cycle
Main Field of Study (Progressive Specialisation): Textile Technology (A1N)
Disciplinary Domain: Technology 60%, Design 40%
Prerequisites: Admitted to Master Programme (Two Year) in Technical Textile Innovation
Subject Area: Textile Technology
Grading Scale: Seven-degree grading scale (A-F)

Content
The aim of the course is to introduce and practice the early processes of design methodology such as divergence and the transition to convergence and concept development. The course also includes components related to prototyping and presentation during the early phases of the design process. The course starts with a theoretical background introduction to the design process. The theoretical introduction is followed by a series of workshops adapted to the divergence phase of design methodology. The initial divergence phase then turns into a convergence phase where a conceptual idea is developed. The conceptual idea is further processed using prototyping methods, where simple materials and fast assembly methods are used to visualise and concretise conceptual ideas. The course is practice-based with step-by-step presentations as a form of examination.

Learning Outcomes
After completing the course, the student will be able to:

Knowledge and understanding
1.1 Describe the basic concepts of the different stages of the design process,
1.2 Describe basic brainstorming methods.
1.3 Describe different types of presentation and visualisation techniques.

Competence and skills
2.1 Applying creative methods in the divergence phase
2.2 Apply methods for moving from divergence to convergence
2.3 Communicate concepts in different phases of the design process
2.4 Apply different methods for simple prototyping.
2.5 Develop own methods for early phases of design processes

Judgement and approach
3.1 Evaluate and relate to the choice of the final concept.

Forms of Teaching
The course teaching consists of:

• Lectures
• Workshops
• Seminars

The language of instruction is English.

Forms of Examination

The course will be examined through the following examination elements:

Assignment: written assignment
Learning outcomes: All
Credits: 3
Gradingscale: Seven-degree grading scale (A-F)

Presentation: oral presentation
Learning outcomes: 1.1,1.2
Credits: 1
Gradingscale: Fail (U) or Pass (G)

Presentation: oral presentation
Learning outcomes: 1.1-1.2, 2.1-2.3
Credits: 1.5
Gradingscale: Fail (U) or Pass (G)

Presentation: oral presentation
Learning outcomes: 1.1-1.3, 2.1-2.5, 3.1
Credits: 2
Gradingscale: Fail (U) or Pass (G)

The final grade of the course is determined by the written assignment, which is issued when all examination components have been passed.

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 materials are provided through the university's learning platform.

The course literature is in English.

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 primarily intended for students in the Master Programme in Technical Textile Innovation.