



## **Electronic textiles for textile and fashion design projects**

### **Elektroniska textilier för textil- och modedesignprojekt**

7.5 credits

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**Ladok Code:** 51ET01

**Version:** 1.0

**Established by:** The Board for Artistic Development 2012-01-25

**Valid from:** Spring 2012

**Education Cycle:** First cycle

**Main Field of Study (Progressive Specialisation):** Design (G1F)

**Disciplinary Domain:** Design

**Prerequisites:**

- 45 credits, undergraduate level in Design, Textile- or Fashion Design or equivalent knowledge.
- Verified knowledge of English corresponding to English B in the Swedish Upper Secondary School.

**Subject Area:** Design

**Grading Scale:** Fail (U) or Pass (G)

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### **Content**

The course includes theoretical lectures and hands-on workshops where students will learn basic skills to develop their own artistic/design e-textiles projects.

In lectures, theoretical frameworks as well as previous projects done in the fields of wearable technology art, e-textiles and critical design are introduced by various experts.

In workshops, the practical skills necessary for e-textiles project development, such as electronics is introduced as hands-on sessions

### **Learning Outcomes**

**The course aims to:**

- Give students an overview of e-textiles practices including theoretical frameworks, as well as previous works done in the field.
- Support students to critically reflect on their conceptual themes, theoretical frameworks and design expressions in their own e-textiles projects.
- Equip students with basic skills and knowledge of e-textile practices such as electronics, programming and e-textiles specific material knowledge as medium of expression.

**After completing the course students shall be able to:**

- Plan a design process and the workflow of their own e-textiles projects and develop prototypes/proof of concepts on their own.
- Demonstrate an ability to express their artistic/design concepts through the use of e-textiles, and be able to critically discuss their work.

## **Forms of Teaching**

Lectures, seminars, workshops.

The language of instruction is English.

## **Forms of Examination**

The course will be examined through the following examination elements:

*Written online report including pictures*

Learning outcomes:

Credits: 1.5

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

*Visual & oral presentation, individual project*

Learning outcomes:

Credits: 3

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

*Active participation in lectures, seminars and workshops*

Learning outcomes:

Credits: 3

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

The course examines with regard to given learning outcomes.

Each exam will be offered five times, including three in the space of one year. With the offer of an examination session is meant scheduled exam or resit an alternative date for written or oral presentations. Student rights and responsibilities for the examination is in accordance with guide- lines and regulations at the University of Borås.

The grades given for the course are Not passed(U) or Passed(G).

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

## **Literature and Other Teaching Materials**

Literature is chosen in accordance with the direction of the activities and agreed upon with tutor.

## **Student Influence and Evaluation**

The students' opinions are collected systematically and regularly through written course evaluations once the course is completed. One time per semester, student representatives, together with the Director of Studies and Program Directors, evaluate completed courses.

For additional materials, please refer to the University's policy on course evaluation and documents established by the Department Board, the Director of Studies and the Course Director.

## **Miscellaneous**

The course is primarily intended as an optional course within the Master program in Fashion- and Textile Design.