



## KURSPLAN

# Design filosofi och praktik, 7,5 högskolepoäng

*Design Philosophy and Practice, 7.5 credits*

---

<b>Kurskod:</b>	T DPR21	<b>Utbildningsnivå:</b>	Avancerad nivå
<b>Fastställd av:</b>	VD 2021-03-01	<b>Utbildningsområde:</b>	Tekniska området
<b>Reviderad av:</b>	2023-10-25	<b>Ämnesgrupp:</b>	DE1
<b>Gäller fr.o.m.:</b>	2024-10-01	<b>Fördjupning:</b>	A1N
<b>Version:</b>	2	<b>Huvudområde:</b>	Produktutveckling

---

### Lärandemål

After a successful course the student shall;

The course will give the students an introduction to design thinking, process, methods, and practice. Assignments and project will give the opportunity for the students to apply and practice industrial design tools. The assignments will be focusing on specific skills and knowledge. Project will be focusing on implementing skills and knowledge in a industrial design process.

The students will have at the end of the course the basic knowledge of different creative methods and process that the industry follows.

#### Kunskap och förståelse

- display knowledge of the creative process, practical knowledge and its relation to industrial design work.
- demonstrate comprehension of the interaction between humans and things, as well as comprehension of knowledge of design thinking
- show familiarity of knowledge of scientific and practice design work
- display knowledge of the basic visualization methods.

#### Färdighet och förmåga

- demonstrate skills of sketching and ideation work
- demonstrate the ability toability of proficiency in developing an idea into a concept proposal and expressed it in the form, text, oral and image.
- demonstrate the ability to building models in various materials.

#### Värderingsförmåga och förhållningssätt

- demonstrate the ability to create their own expressions and mannerisms.

### Innehåll

This course will provide knowledge and understanding of design work philosophy and practice and their own design process, from idea to concept proposals, and train to express, reflect and

portray in speech and in shape. The course includes both theoretical and practical elements with an emphasis on practical design work.

The course includes the following elements;

- The practical knowledge formation in the creative work
- Creative aesthetics and philosophy
- Design methods and methodology
- Interpretation and perception
- Morphology and design
- Product design sketching
- Rhetoric and Communication
- Color Theory
- Model Technique

### **Undervisningsformer**

Teaching consists of lectures, exercises, assignments, and individual project.

Undervisningen bedrivs på engelska.

### **Förkunskapskrav**

The applicant must hold the minimum of a bachelor's degree (i.e the equivalent of 180 ECTS credits at an accredited university) with at least 90 credits in Mechanical Engineering, Civil Engineering (with relevant courses in construction), or equivalent. The bachelor's degree should comprise a minimum of 15 credits in mathematics and 7.5 credits in CAD, or equivalent. Proof of English proficiency is required.

### **Examination och betyg**

Kursen bedöms med betygen Underkänd eller Godkänd.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Inlämningsuppgifter	3 hp	U/G
Projekt	4,5 hp	U/G

### **Kurslitteratur**

The literature list for the course will be provided one month before the course starts.