



## COURSE SYLLABUS **Design Communication 2, 9 credits**

### *Designkommunikation 2, 9 högskolepoäng*

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<b>Course Code:</b> TD2S27	<b>Education Cycle:</b> Second-cycle level
<b>Confirmed by:</b> Dean Mar 1, 2016	<b>Disciplinary domain:</b> Technology (95%) and social sciences (5%)
<b>Valid From:</b> Jan 2, 2017	<b>Subject group:</b> DE1
<b>Version:</b> 1	<b>Specialised in:</b> A1F
<b>Reg number:</b> JTH 2016/617-313	<b>Main field of study:</b> Product Development

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### **Intended Learning Outcomes (ILO)**

On completion of the course, the student should

#### Knowledge and understanding

- demonstrate knowledge of color schemes , color schemes and product graphics
- demonstrate knowledge of design from a historical perspective
- demonstrate knowledge of different modeling techniques and fotorenderinger digital models
- demonstrate knowledge of various ways to produce physical models and prototypes
- demonstrate an understanding of different ways of visualizing product suggestions
- demonstrate understanding of shape and form problems
- demonstrate an understanding of how to present and communicate designs orally and in writing

#### Skills and abilities

- demonstrate ability and skill , without supervision , sketch and illustrate product suggestions.
- demonstrate skills in oral and written communication
- demonstrate the ability to give shape proposals and solve form problems
- demonstrate the ability , without supervision, build and coloring physical models
- demonstrate skills , but mentoring, modeling and rendering digital models .

#### Judgement and approach

- demonstrate an understanding of design from a holistic and historical perspective
- demonstrate the ability to create their own expressions and mannerisms

### **Contents**

The course includes the mixture of theoretical and practical elements. Focus of the course is to give students the ability to visualize your design through sketches, illustrations, rendered images and physical models.

The course includes the following topics:

- Color Theory

- Morphology
- Imaging
- Model Technique
- Aesthetics
- Design Methodology
- Product Methodology
- Sketching
- CAD
- Rhetoric and Communication

### **Type of instruction**

The teaching is conducted in English.

### **Prerequisites**

Passed courses 180 credits in first cycle, at least 90 credits within the major subject Mechanical Engineering or Civil Engineering (with relevant courses in construction and design), and 15 credits Mathematics. In addition, completed course Design Communication 1, 9 credits and English Language requirements corresponding to English 6 or English B in the Swedish upper secondary school (or the equivalent).

### **Examination and grades**

The course is graded 5,4,3 or Fail.

The grade is weighted from the results of the Assignments and the Individual Project Work. Passed grade for all tests are required.

Registration of examination:

Name of the Test	Value	Grading
Assignments	5 credits	5/4/3/U
Individual Project Work	4 credits	5/4/3/U

### **Other information**

Exemption from entry requirement allowed according to the selection groups of the program, where the course is included.

### **Course literature**

Literature

The literature establishes a month before the course starts.

Shared Files

Materials (pencils, paper, etc. see materials list at the start)