



COURSE SYLLABUS **Design Communication 1, 9 credits**

Designkommunikation 1, 9 högskolepoäng

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| Course Code: TD1R26 | Education Cycle: Second-cycle level |
| Confirmed by: Dean Mar 1, 2016 | Disciplinary domain: Technology (95%) and social sciences (5%) |
| Valid From: Aug 1, 2016 | Subject group: DE1 |
| Version: 1 | Specialised in: A1N |
| Reg number: JTH 2016/611-313 | Main field of study: Product Development |

Intended Learning Outcomes (ILO)

After completing the course, students

Knowledge and understanding

- have knowledge of methodology and basic methods in industrial design
- have knowledge of the basic visualization methods
- have knowledge of various techniques for modeling a product in CAD
- have knowledge of basic rhetoric and presentation techniques
- have knowledge of the morphology, shape problems
- have knowledge in creating physical models in various materials

Skills and abilities

- demonstrate skills, with guidance in building models in various materials
- demonstrate skills, with guidance, to create models in CAD
- demonstrate ability and skill, with supervision, to illustrate product suggestions.
- demonstrate the ability, under supervision, conduct oral presentations.

Judgement and approach

- demonstrate an understanding of designers in the development process
- demonstrate the ability to create their own expressions and mannerisms

Contents

The course includes both theoretical and practical elements with an emphasis on practical design work.

The course covers the following topics:

- Color Theory
- Morphology
- Model Technique
- Aesthetics
- Design Methodology

- Product Methodology
- Sketching
- CAD
- Rhetoric and Communication

Type of instruction

Some literature and some elements in Swedish can occur.

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, or equivalent. Proof of English proficiency is required. Through set work test that show artistic skills and aptitude for the profession.

Examination and grades

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

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

Shared Files