



## COURSE SYLLABUS

# Enterprise course in Product Design, 7.5 credits

*Enterprise course in Product Design, 7,5 högskolepoäng*

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<b>Course Code:</b>	TEPS23	<b>Education Cycle:</b>	Second-cycle level
<b>Confirmed by:</b>	Dean Mar 1, 2022	<b>Disciplinary domain:</b>	Technology
<b>Valid From:</b>	Aug 1, 2022	<b>Subject group:</b>	MT1
<b>Version:</b>	1	<b>Specialised in:</b>	A1F
		<b>Main field of study:</b>	Product Development

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### Intended Learning Outcomes (ILO)

After a successful course, the student shall;

Knowledge and understanding

- demonstrate comprehension of the difference between the experience of practical work and the theoretical knowledge acquired earlier in the program.

Skills and abilities

- demonstrate the ability to apply the knowledge acquired through the education in a professional setting

- demonstrate the ability to describe, analyze and reflect on the results of the work experience and to present these results orally and in writing to the client and to the school

- demonstrate skills in carrying out technical investigation work containing problem formulation, method selection, data collection, result analysis and reference management.

Judgement and approach

- demonstrate the ability, based on experience with clients, to reflect on the need for additional knowledge and skills in professional practice

- demonstrate the ability to reflect on how the practical experiences are related to the theoretical knowledge within the programme.

### Contents

The student applies knowledge gained from previous courses into practice on a real enterprise case in a professional setting, either at the enterprise or at the campus, such that the gained experience is useful in the further studies.

The course includes the following elements;

- An introduction at the campus.

- Planning and delivering professional engineering design work to the client

- Participating in professional practice relevant to the main subject area

- Enterprise-related problem analysis and documentation of the problem area.

- Debriefing at the enterprise and/or campus, both a written report and an oral presentation of a reflection of the experience of professional practice.
- Business-related content tailored to the client's professional activities, with students

### **Type of instruction**

- The course can be conducted at the enterprise or at the campus but jointly with an enterprise.
- The student works in collaboration with the staff from the enterprise and/or other students.
- Introductory lectures and final written and oral reports are done at campus.
- Lectures may be held regarding scientific writing.

The teaching is conducted in English.

### **Prerequisites**

At least 30 credits in the Master´s programme should be approved (or the equivalent).

### **Examination and grades**

The course is graded Fail (U) or Pass (G).

The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

<b>Name of the Test</b>	<b>Value</b>	<b>Grading</b>
Assignment	5 credits	U/G
Written report and oral presentation	2.5 credits	U/G

### **Course literature**

The literature list for the course will be provided 8 weeks before the course starts.

Guiding documents will be available via Canvas.