



## KURSPLAN

# Enterprise course in Product Design, 7,5 högskolepoäng

### *Enterprise course in Product Design, 7.5 credits*

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<b>Kurskod:</b>	TEPS23	<b>Utbildningsnivå:</b>	Avancerad nivå
<b>Fastställd av:</b>	VD 2022-03-01	<b>Utbildningsområde:</b>	Tekniska området
<b>Gäller fr.o.m.:</b>	2022-08-01	<b>Ämnesgrupp:</b>	MT1
<b>Version:</b>	1	<b>Fördjupning:</b>	A1F
		<b>Huvudområde:</b>	Produktutveckling

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### Lärandemål

After a successful course, the student shall;

#### Kunskap och förståelse

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

#### Färdighet och förmåga

- 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.

#### Värderingsförmåga och förhållningssätt

- 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.

### Innehåll

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

### **Undervisningsformer**

- 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.

Undervisningen bedrivs på engelska.

### **Förkunskapskrav**

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

### **Examination och betyg**

Kursen bedöms med betygen Underkänd eller Godkänd.

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

Poängregistrering av examinationen för kursen sker enligt följande system:

<b>Examinationsmoment</b>	<b>Omfattning</b>	<b>Betyg</b>
Inlämningsuppgift	5 hp	U/G
Skriftlig rapport och muntlig presentation	2,5 hp	U/G

### **Kurslitteratur**

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

Guiding documents will be available via Canvas.