



## KURSPLAN **Product Realisation, 7,5 högskolepoäng**

*Product Realisation, 7.5 credits*

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<b>Kurskod:</b>	HPCR20	<b>Utbildningsnivå:</b>	Avancerad nivå
<b>Fastställd av:</b>	Utbildningsrådet 2020-05-14	<b>Utbildningsområde:</b>	Tekniska området
<b>Gäller fr.o.m.:</b>	2020-08-17	<b>Ämnesgrupp:</b>	TE9
<b>Version:</b>	1	<b>Fördjupning:</b>	A1N
<b>Diarienummer:</b>	Department of Rehabilitation	<b>Huvudområde:</b>	Produktutveckling

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### Lärandemål

Upon completion of the course the student should have the ability to:

#### Kunskap och förståelse

- demonstrate understanding of the content, working methods and environment conditions related to the product realisation process
- demonstrate an understanding of benefits and challenges of working in a multicultural work environment.

#### Färdighet och förmåga

- analyse different forms of leadership and group dynamics
- complete a project in collaboration with others and meet the pre-determined objectives of the project.

#### Värderingsförmåga och förhållningssätt

- reflect over results of the project in relation to its pre-determined objectives
- appreciate how different stages in the product realisation process contribute to the entire process
- recognise how personal and cultural differences contribute to the outcome of development work.

### Innehåll

- product realisation process -theoretical, organisational and scientific frameworks
- content, working methods and environment conditions of the stages in the product realisation process
- relevant product development, industrial design and information technology methods
- group dynamics, leadership and communication in the different stages of the product realisation process
- multicultural aspects of communication and work

### Undervisningsformer

The course is implemented through lectures, workshops, individual assignments and project work in groups.

Undervisningen bedrivs på engelska.

### **Förkunskapskrav**

The applicant must hold the minimum of a Bachelor's degree or equivalent (i.e. the equivalent of 180 ECTS credits at an accredited university) in Prosthetics and Orthotics or Mechanical engineering. Proof of English proficiency is required.

### **Examination och betyg**

Kursen bedöms med betygen A, B, C, D, E, FX eller F.

Poängregistrering av examinationen för kursen sker enligt följande system:

<b>Examinationsmoment</b>	<b>Omfattning</b>	<b>Betyg</b>
Individual written exam	5 hp	A/B/C/D/E/FX/F
Project	2,5 hp	U/G

### **Kurslitteratur**