COURSE SYLLABUS
# Product Realisation, 7.5 credits

*Product Realisation, 7,5 högskolepoäng*

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|---|---|---|---|
| **Course Code:** | HPCR20 | **Education Cycle:** | Second-cycle level |
| **Confirmed by:** | Utbildningsrådet May 14, 2020 | **Disciplinary domain:** | Technology |
| **Valid From:** | Aug 17, 2020 | **Subject group:** | TE9 |
| **Version:** | 1 | **Specialised in:** | A1N |
| **Reg number:** | Department of Rehabilitation | **Main field of study:** | Product Development |

## Intended Learning Outcomes (ILO)

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

Knowledge and understanding

- 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.

Skills and abilities

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

Judgement and approach

- 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.

## Contents

- 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

## Type of instruction

The course is implemented through lectures, workshops, individual assignments and project

work in groups.

The teaching is conducted in English.

## Prerequisites

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 and grades

The course is graded A, B, C, D, E, FX or F.

Examination of the course will be based upon one individual written exam and one group project.

A senior lecturer serves as examiner for the course.

In individual written examination Fx will not be applied.

Registration of examination:

| Name of the Test | Value | Grading |
|---|---|---|
| Individual written exam | 5 credits | A/B/C/D/E/FX/F |
| Project | 2.5 credits | U/G |

## Course literature

Jackson, B. & Parry, K. (2011). *A very short fairly interesting and reasonably cheap book about studying leadership.* London, UK: Sage.