

COURSE SYLLABUS

Social Sustainability in Manufacturing, 2.5 credits

Social hållbarhet i tillverkning, 2,5 högskolepoäng

Course Code:	T2SHIP	Education Cycle:	Second-cycle level
Confirmed:	May 06, 2026	Disciplinary domain:	Technology
Valid From:	Jan 18, 2027	Subject group:	Mechanical Engineering
		Specialised in:	A1N Second cycle, has only first-cycle course/s as entry requirements
		Main field of study:	Production Systems

Intended Learning Outcomes (ILO)

On completion of the course the student shall:

Knowledge and Understanding

- show familiarity with principles of gender equality, diversity and inclusion and their relevance for manufacturing
- demonstrate comprehension of the role of Corporate Social Responsibility (CSR) and ethical codes in industrial production and operation

Skills and Abilities

- demonstrate the ability to analyse how mindset and cultural change can support sustainability and circularity in manufacturing companies

Judgement and Approach

- demonstrate the ability to discuss and evaluate manufacturing decisions from a Human–Technology–Organisation (HTO) perspective

Content

The course addresses social sustainability in manufacturing by focusing on ethical, organisational, and human aspects of production. It highlights how responsibility, inclusion, and organisational culture influence sustainable and circular manufacturing practices.

The course includes the following elements:

- Gender equality, diversity and inclusion in manufacturing
- Corporate Social Responsibility (CSR)
- Mindset and cultural change towards sustainable and circular manufacturing
- Human-Technology-Organisation (HTO)

Type of Instruction

Lectures, seminars and assignments.

Language of instruction is English.

Entry Requirements

Academic degree of at least 180 ECTS credits within Engineering and/or Technology or passed courses of at least 40 credits in the main field of study within Engineering and/or Technology and at least 1 year of work experience in the manufacturing industry or at least 4 years of work experience in the manufacturing industry. Proof of English proficiency is required.

Examination and Grades

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

The final grade will be issued after satisfactory completion of all mandatory examination elements.

Registration of examination:

Name of the Test	Value	Grading
Seminar	1.5 credits	G/U
Assignment	1 credit	G/U

Course Literature

Please note that the course literature may be revised up to eight weeks before the start of the course.

Lecture slides and additional course literature will be provided on Canvas.