

COURSE SYLLABUS

Digital Product Passports: Legal Framework, Standards, and Industrial Readiness, 2.5 credits

Digitala produktpass: juridiska ramverk, standarder och industriell beredskap, 2,5 högskolepoäng

Course Code: T2DPJR	Education Cycle: Second-cycle level
Confirmed: Sep 01, 2025	Disciplinary domain: Technology
Valid From: Jan 18, 2027	Subject group: Computer Technology
	Specialised in: A1N Second cycle, has only first-cycle course/s as entry requirements
	Main field of study: Product Development

Intended Learning Outcomes (ILO)

On completion of the course the student shall:

Knowledge and Understanding

- show familiarity with the purpose, scope, and objectives of the EU Digital Product Passport (DPP).

Skills and Abilities

- demonstrate the ability to understand and analyse the impact of DPP legislation on a product life-cycle (design, production, usage, end-of-life).

Judgement and Approach

- demonstrate the ability to propose an implementation plan for the coming of DPPs in an organisation.

Content

This course introduces the EU's Digital Product Passport (DPP) framework and its predicted implications for industrial companies. Participants will learn about the regulatory requirements within the Ecodesign for Sustainable Products Regulation (ESPR), upcoming delegated acts, and relevant standards. The course elaborates on how DPPs support circular economy strategies, traceability, and sustainability reporting, and what organisations need to prepare in terms of processes, DPP content, and compliance. Through industry-relevant examples, participants explore how DPPs affect different stages of the product lifecycle and how companies can assess their organisational readiness.

The course includes the following elements:

- Introduction to the ESPR and the EU Digital Product Passport framework
- Legal requirements, standards, and compliance obligations
- DPPs and the circular economy: opportunities and challenges
- Implications for product development, production, supply chains, and end-of-life
- Organisational readiness, data governance, and documentation requirements
- Example cases from industry sectors preparing for DPP implementation

Type of Instruction

The course is delivered through a combination of lectures, interactive discussions, and industry case examples. Sessions are mainly online to support flexibility, and participants complete small reflection tasks

to relate the legal framework to their own organisational context.

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).

Registration of examination:

Name of the Test	Value	Grading
Assignment	2.5 credits	G/U

Course Literature

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