COURSE DESCRIPTION
JOINTS AND DETAILS

Course title Joints and Details	**Kursustitel** Samlinger og detaljer
Exam code / Course code BI2DT--KME / F27BI2DTUV	**Approved** 28.04.26
Level and semester BA 4th semester	**Field of study** Industrial Design
ECTS 5	**Responsible** Per Voss Nielsen
Exam form Semester exam Combination exam: Oral defence and design product	**Assessment** 7-point grading scale The exam is an overall evaluation of the presented design product and the oral defence
Censor External	**Extent/duration of exam** The duration of the total semester exam is 60 minutes: 20 minutes for the student's presentation 20 minutes for discussion 20 minutes for deliberation and announcement
Group exam It is not possible to take the semester exam as a group exam.	**Prerequisite** As a mandatory prerequisite for participation in the exam, the student must deliver a learning portfolio for the semester before a deadline set by the study administration. The learning portfolio is not part of the exam. Exchange students are exempt, and do not need to hand in a learning portfolio to participate in the exam.

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Course objective
The aim of the course is for the student to develop an understanding of the importance of detail in the development of realizable products. The course focuses on assembly principles, material interfaces, and constructional precision as critical factors in the overall quality and integrity of a product.

Students work on refining and developing a design towards a production-ready solution, where joints and details are integrated as active form-giving elements. Through this process, students strengthen their ability to develop products in which construction, material, and aesthetics are unified into a coherent whole.

Learning outcome
At the examination, the student is expected to:

Knowledge:
- *have knowledge of fundamental assembly principles and their significance for product construction*
- *understand the interaction between materials and tolerances in relation to feasibility*
- *have insight into the role of detail in the overall formal and structural integrity of a product*

Skills:
- *be able to develop and refine assembly principles in relation to a specific product*
- *be able to work with constructional precision and detailing, including the development and testing of selected assembly and detail solutions*
- *be able to integrate joints and details as form-giving design elements*
- *be able to justify the selection of materials and constructive solutions*

Competences:
- *be able to develop a design proposal with production-oriented detailing, where key joints and material interfaces have been refined and validated through practical development or testing*
- *be able to evaluate and adjust a design in relation to structural coherence and overall product integrity*

Generic learning outcome
In addition to the above-mentioned course-specific learning outcomes, the student is also expected to:

- *be able to present own research and project through an oral and visual presentation, that both explains what, why and how, and contains a reflection on the process and the concrete learning along the way*
- *be able to translate design experiments – regardless of the outcome – into learning and development of their own design practice*

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