

Course Syllabus

Component Driven Web Design 7.5 Credits, First Cycle

Learning Outcomes

Upon completion of the course, students will be able to:

Skills and abilities

- develop modular and reusable web components through front-end,
- manipulate the DOM to achieve the desired structure and functionality,
- utilise CSS frameworks to meet design requirements,

Judgement and approach

- reflect on sustainable web design.

Course Content

The course covers techniques in DOM manipulation for the structure and functionality of web pages. Furthermore, the application of CSS frameworks to fulfill design requirements is also explored. During the course, students consolidate their acquired knowledge through a project focusing on component-driven web design.

During the course, reflection on sustainable web design and its implications also occurs.

Assessment

- Assignments
- Project

Grades

The grading scale used for the final course grade is U–G.

Grades are reported as follows:

- Assignments - 2.5 Credits | U–G
- Project (Component Driven Web Design) - 5 Credits | U–G

Prerequisites

Web Design, 7.5 credits and Software Engineering, 7.5 credits

Other Information

This course cannot be counted towards the same degree along with courses that have equivalent content.

If the student has received a decision/recommendation granting study support from Dalarna University because of a disability, then the examiner has the right to offer an alternative examination arrangement. The examiner takes into account the objectives in the course syllabus when deciding whether the examination can be adapted in accordance with the decision/recommendation.

Subject:

Information Systems

This course can be included in the following main field(s) of study:

1. Information Systems

Progression Indicator within (each) main field of study:

1. GIF

Approved:

Approved 31 October 2023

Valid from 31 October 2023