

Web Production with Dynamic Layout

Programme course

6 credits

Webbproduktion med dynamisk layout

TDDE42

Valid from: 2019 Spring semester

Determined by

Board of Studies for Computer Science
and Media Technology

Date determined

2018-08-31

Main field of study

Computer Science, Graphical Design and Communication

Course level

First cycle

Advancement level

G2X

Course offered for

- Graphic Design and Communication, Bachelor's Programme

Specific information

Exchange students; The course is only available to exchange students within the area of Graphic Design and Communication.

Prerequisites

Basics about Web production, HTML, CSS and JavaScript.

Intended learning outcomes

The general goal of the course is for the participant to develop an understanding for working with digital media that requires dynamic layout.

After completion of the course the student should be able to:

- apply relevant web tools for producing web pages with dynamic layout and content
- apply and plan dynamic layout for web pages
- evaluate layout with respect to the intended publication media

Course content

The course covers the following:

- Design and planning dynamic, grid based layout
- Layout with HTML5 and CSS3
- Use and implementation of responsive design for web production
- Framework for responsive design
- Using CSS3, JavaScript and jQuery for animation and element display

Teaching and working methods

The teaching consists of lectures, seminars and laboratory exercises. In addition, the student should conduct self-study.

Examination

PRA2	Individual Practical Work	4 credits	U, 3, 4, 5
PRA1	Laboratory Work	2 credits	U, G

PRA1 includes a series of laboratory exercises that are carried out in groups of two.

PRA2 is a more extensive exercise which is carried out individually. PRA2 may be integrated with other projects in other courses.

Grades

Four-grade scale, LiU, U, 3, 4, 5

Course literature

Course literature will be announced eight weeks before the course start.

Department

Institutionen för datavetenskap

Director of Studies or equivalent

Jalal Maleki

Examiner

Jody Foo

Education components

Preliminary scheduled hours: 60 h

Recommended self-study hours: 100 h

Course literature

Fastställs senare