

Advanced Website Management (A704030)

Course size *(nominal values; actual values may depend on programme)*

Credits 5.0 **Study time 150 h**

Course offerings in academic year 2023-2024

A (semester 2) English Gent

Lecturers in academic year 2023-2024

Tezcan, Arda	LW22	lecturer-in-charge
Lumingu, Michaël	LW22	co-lecturer

Offered in the following programmes in 2023-2024

	crdts	offering
Master of Arts in Technology for Translation and Interpreting	5	A
Postgraduate Certificate Computer-Assisted Language Mediation	5	A

Teaching languages

English

Keywords

Web development, frontend, backend, HTML, CSS, Javascript, server side scripting, the internet, the world wide web

Position of the course

This course's main objective is to offer students:

- the skills to both develop a website;
- technical background of HTML, CSS, Javascript, and server side scripting with Python;
- insights in the working of the internet and world wide web

Contents

The course covers the ins and outs of building a website. The main focus is on the more technical aspects of how a website is built, but the students are also introduced to the basic principles of web design, the internet and the world wide web. Basically, this course comprises the following modules:

- Internet/web module: how does the internet and the web work (HTTP, DNS, protocols, cookies, databases, web frameworks, CMS, accessibility, etc.).
- Frontend web development: learn the principles of HTML, CSS and Javascript to design, develop and maintain the components that make up the frontend of a static website.
- backend web development module: an introduction to backend web development with Python.

Initial competences

The student:

- Has a good command of English;
- Has good computer skills: Windows, Mac or Linux

Final competences

- 1 The student has a solid technical background (HTML, CSS, Javascript, server side scripting) to build a website.
- 2 Additionally the student is able to understand and communicate about technical details regarding web development and web technology

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture, Practical, Independent work

Learning materials and price

Slides and videos

Exercises on learning platform: additional materials and exercises

Estimated extended price: 0 €

References

Course content-related study coaching

Individual feedback on the exercises. Students may solicit assistance or extra information during the seminars or during the teacher's consultation hours.

Assessment moments

continuous assessment

Examination methods in case of periodic assessment during the first examination period

Examination methods in case of periodic assessment during the second examination period

Examination methods in case of permanent assessment

Skills test, Written assessment, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

First session:

- Skills tests (assignments during the lectures) (25%)

- Assignment (create a website) (25%)

- Written assessment (50%)

Second session:

- Assignment (create a website) (30%)

- Written assessment (70%)

Calculation of the examination mark

First session: Skills tests (25%); Assignment (25%); Written assessment (50%)

Second session: Assignment (30%); Written assessment (70%)

In order to pass, students must pass for all different evaluation modules separately (minimum score of 50% for the skills tests, for the assignment and for the exam in the first exam session, and minimum score of 50% for the assignment and exam in the second exam session). In case this minimum score is not obtained for all different parts, the students can obtain a maximum of 9/20 as total score.

If a student is absent during the written assessment due to a legitimate reason, an alternative written assessment can be taken on a different date.

Partial results can be transferred to the second examination period. The part for which the students passed does not need to be re-examined.

Facilities for Working Students

Class attendance is strongly recommended.

Limited possibility of feedback via e-mail, restricted to answering specific questions.