

## 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
<a href="#">Master of Arts in Technology for Translation and Interpreting</a>	5	A
<a href="#">Postgraduate Certificate Computer-Assisted Language Mediation</a>	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.