

MULTIMEDIA DESIGN II

Degree in Graphical Design

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Code: 11832

Main Scientific Area: Audiovisuais

Lecturer: Paulo Jorge da Silva Fernandes

Language of Instruction: Portuguese

Regime: S2

Contact Hours: 60h Total Workload: 100h

ECTS: 6,0

Objectives

The goal of this course is to provide students with the tools necessary to think and design digital interfaces, both technically and aesthetically. Students should be able to follow the best practices in the design and development of web products, having concerns about the usability and accessibility of the developed products.

Learning Outcomes

Knowledge and ability to apply the most appropriate tools and procedures during the development of a digital project

Mastery of markup languages for the Web (HTML)

Mastery of the technologies for the implementation of layouts for the Web (CSS)

Course Contents

Module 1

User Centered Design
Research methods with users
Information architecture
Prototyping

Module 2

HTML, Web, and the Browser
Web page Markup (HTML)
semantic HTML
Links
Images
Tables

Module 3

Web Visual Formatting (CSS)

Web Typography
Layout construction (Floats, Flexbox, CSS Grid)
CSS Transitions
CSS Animations
CSS Transforms
Responsive web design

Recommended Bibliography

Keith, Jeremy, (2010) HTML5 for Web Designers, A Book Apart. ISBN: 9780984442508
Cederholm, Dan, (2011) CSS3 for Web Designers, A Book Apart. ISBN: 978-1-9375572-0-1
Duckett, Jon, (2011) HTML CSS: Design and Build Websites, John Wiley Sons. ISBN: 978-1-118-00818-8

Learning and Teaching Methods

The programmatic contents of the course fit the objectives of the course since it introduces students to the technologies and skills that are the foundation for the development of interfaces for the Web. In addition to addressing transversal topics in domain of web development, there is a special focus on providing students with the front-end skills required to enhance their role as a designer.

Assessment Methods

The evaluation methodology will be based on the assessment of knowledge acquired through:

Practical work developed during the semester, individually and in group;

Practical exercises during the class.

Student attendance and responsibility during the classes and projects will be considered in the evaluation. It will also be considered the engagement during the class and ability to present and discuss the projects, as well as followed deadlines.

The evaluation elements are weighted as follows:

Group project: 50%

Individual exercises: 50%