

Course Unit	Multimedia	Field of study	Audiovisuals
Bachelor in	Marketing	School	School of Public Management, Communication and Tourism
Academic Year	2022/2023	Year of study	2
Type	Semestral	Semester	2
Workload (hours)	162	Contact hours	T - , TP 60 , PL - , TC - , S - , E - , OT - , O -
Level	1-2	ECTS credits	6.0
Code	9205-714-2205-00-22		

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Vítor José Domingues Mendonça

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Understand the concepts associated with Internet and World Wide Web;
2. Understand the fundamental concepts associated with the study area of multimedia and the different media types;
3. Develop capabilities in the use of services and tools to create content;
4. Use writing techniques and design for the web;
5. Use content management systems (CMS);
6. Know and apply the markup language and styles for the specification of the format, structure and content.

Prerequisites

Before the course unit the learner is expected to be able to:
The student must have computer literacy.

Course contents

Concepts associated with Internet and World Wide Web;
Writing techniques and design for the web;
Development stages of a multimedia project;
Multimedia Content.

Course contents (extended version)

1. Concepts associated with Internet and World Wide Web
 - Internet
 - World Wide Web
 - Browsers
 - Hypertext
 - Hypermedia
 - HTML Language and CSS
 - W3C
 - Web X. 0
2. Writing techniques and design for the web
 - Web writing aspects
 - Information architecture
 - Navigation system
 - Evaluation
3. Development stages of a multimedia project
 - Collection of information
 - Planning
 - Development
 - Publishing and testing
 - Monitoring and maintenance
4. Multimedia Content
 - Static Media
 - Dynamic Media
 - Analogic versus Digital

Recommended reading

1. Abreu, L. (2015). HTML 5. FCA Editora. ISBN: 978-972-722-821-8
2. Macedo, P. (2017). A Arte de Escrever para a Web. Lisboa: DVS Editora. ISBN: 8582891571, 9788582891575
3. Ribeiro, N. (2012). Multimédia e Tecnologias Interactivas. Lisboa: FCA Editora. ISBN: 9727224156.
4. Ughetto, V. (2007). CSS, Criação Inovadora de Sites. Lisboa: FCA Editora. ISBN: 9789727225200.
5. Gonçalves, D. Fonseca, M. J. Campos, P. (2017). Introdução ao Design de Interfaces. Lisboa: FCA Editora. ISBN: 978-972-722-870-6

Teaching and learning methods

Contact hours: Explanation of concepts, conducting practical exercises to apply the concepts, and support for group work.
Non-contact hours: Exercises, research work and development of a multimedia project.

Assessment methods

1. Distributed evaluation - (Regular, Student Worker) (Final, Supplementary, Special)
 - Case Studies - 25% (Evaluation continues assiduousness and student engagement in solving the proposed exercises.)
 - Projects - 50% (Practical work related to creating digital content. Minimum score of 8 points.)
 - Final Written Exam - 25% (Individual evaluation (minimum evaluation mark 8/20))
2. Distributed evaluation - student worker - (Student Worker) (Final, Supplementary, Special)
 - Practical Work - 25% (Practical works (fortnightly delivery))
 - Projects - 50% (Practical work related to creating digital content. Minimum score of 8 points.)
 - Final Written Exam - 25% (Individual evaluation (minimum evaluation mark 8/20))
3. Exchange students - (Regular) (Final, Supplementary, Special)
 - Practical Work - 100% (Practical work related to creating digital content.)

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation

Vítor José Domingues Mendonça	Luisa Margarida Barata Lopes	Elisabete da Anunciacao Paulo Morais	Sonia Paula da Silva Nogueira
22-02-2023	22-02-2023	24-02-2023	24-02-2023