### *Course title:*

HUMAN COMPUTER INTERACTION I : WEBSITE DESIGN

### *Staff responsible for the course:*

Dr. Constantinos K. Coursaris

### *Lecturers:*

First Name + Name
Dr. Constantinos K. Coursaris

## 1) *COURSE PRESENTATION*

### *Aims:*
*Draw up a list of competencies and/or skills that the student should have acquired or improved at the end of the course.*
*You must fill in the field under the format "the student should be able to…" using action verbs such as define, realise, control…* *(This description should not take more than ten lines)*

**At the end of the course, the student should be able to:**
1. Understand the underlying psychology of human-computer interactions;
2. Develop an analytical mindset to evaluate the web needs of an organization;
3. Manage the process and effectively communicate what is involved in the creation of a website;
4. Have gained hands-on experience with the development of static websites working both directly from source code and through a WYSIWYG editor, here, Wordpress.

### *Prerequisites:*
*You must not write courses' codes or names, but identify the preliminary skills as the knowledge or the know-how needed to efficiently follow this course.*
*Write it out in terms of knowledge and methodologies required to follow this course (this would help students from direct entry to position themselves).* *(This description should not take more than five lines)*

No prior knowledge is required, but the following skills are critical in the successful completion of the course:
- Critical thinking
- High work ethic
- Ability to pursue independent work
- Time management
- Prepared and punctual class attendance
- Professional conduct during class sessions

### *Course contents:*
*Here, an abstract of the course can be given or the different chapters of the course can be simply written down.*
*(The description should not take more than ten lines)*

This course focuses on the dynamics of HCI. It provides a general overview of the domain and explores in more depth its sub-area of usability and web design. Areas covered include user interface design strategies, gathering requirements, and website development. Brief tutorials will be given on developing websites in Wordpress (interactive) and Adobe Dreamweaver (demonstration only). The following topics will be covered:

- Chapter 1: Introducing HCI, Usability, and User Interface Design requirements
- Chapter 2: How to gather requirements
- Chapter 3: Finding out about the users and the domain
- Chapter 4: Finding out about the tasks and work
- Chapter 5: Requirements gathering: Knowledge of user interface design
- Chapter 6: Thinking about requirements and describing them - Design
- Chapter 13: Choosing interaction elements: software components
- Managing Web Design Projects: A 6-phase process
- Wordpress tutorial

## 2) WORKING LOAD

*Here, you should allocate the effective working load of the course, including an estimation of the personal work required from the student.*

*TABLE 1*

| Course's types | Number of hours | Notes |
|---|---|---|
| **Effective presence** | | |
| - Magistral Course | 4 | |
| - Interactive Course | 6 | |
| - Tutorials | 6 | |
| - Coaching | | |
| - PBL Course | | |
| **Training from a distance** | | |
| - Video-conferences | | |
| - Webinars | | |
| **Self-learning** | | |
| - Books 'readings | | |
| - E-learning | 2 | |
| - Research | | |
| **Outdoors-training** | | |
| - In firms | | |
| - Internship | | |
| **Personal work** | | |
| - Group Projects | | |
| - Individual Projects | 14 | |
| - Personal work | | |
| **Total working time for the student** | *32* | |

## 3) EDUCATIONAL METHODS

*Tick here the different educational methods used:*

- ☐ Coaching
- ☐ Case Study
- ☒ E-Learning and/or Self-learning
- ☐ Interactive courses
- ☐ Presentations
- ☒ Projects
- ☐ Research
- ☒ Seminars
- ☒ Tutorials
- ☐ Visits

## 4) ASSESSMENT

Sum up briefly the course assessment's mechanism (two or three lines)
This will introduce the assessment's table that you have to complete below (table n°2).

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| |

List the assessment for each modality.

*TABLE 2*

| Modality | Type of control | Length (h) | Number | Weighting (%) |
| --- | --- | --- | --- | --- |
| **Continuous assessment** | Continuous assessment | | | |
| | Mid-term exam | | | |
| | Participation | | | 20 |
| | Oral presentation | | | |
| | MCQ | | | |
| **Final exam** | Oral final exam | | | |
| | Written final exam | 2 | 1 | 30 |
| **Others** | Case study | | | |
| | Group Project | | | |
| | Individual Project | | 1 | 50 |
| | Written assignment | | | |
| | Exercises | | | |
| **Total** | | | | **100%** |

## 5) RECOMMENDED READING

Name of books (indicate only three or four must-read references) / Name of reviews:

| **Reference book (appellation reserved for books selected by the School and necessarily bought by all the students):** |
| --- |
| User Interface Design and Evaluation, , March 22, 2005, ISBN 0120884364. - Coursepack based on the book by Stone, D., Jarrett, C., Woodroffe, M., and Minocha, S Morgan Kaufmann |

| **Class books :** |
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| Reviews : |
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### *Internet Resources:*
*Please indicate here if you use the school intranet site to put on-line documents and/or if you advise the visit of web sites to students.*

| Name of the Website | URL |
| --- | --- |
| Closed Group on Facebook.com | To be shared with enrolled students |
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