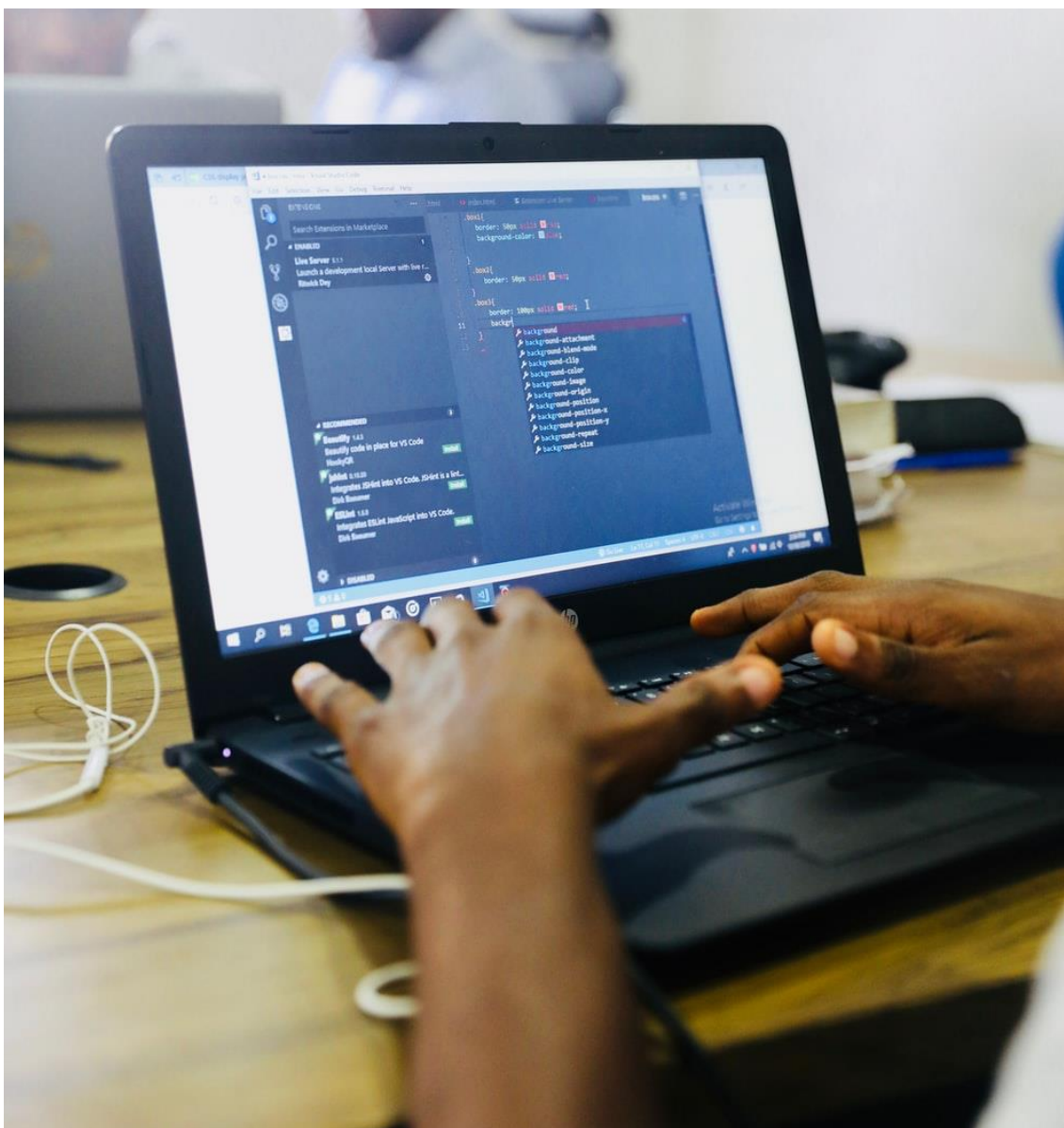


# CREATION AND PUBLICATION OF WEB PAGES WITH HTML5 AND CSS3

## Course for inmates



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## CREATION AND PUBLICATION COURSE WITH WEB HTML5 and CSS3

### COURSE

CREATION AND PUBLICATION YEAR WITH WEB HTML5 and CSS3

### DURATION

60 hours

### SCHEDULE

Starting date: July 12, 2021

Completion date: July 30, 2021

### TIMETABLE

Monday to Friday from 08:30 to 12:30

### RECIPIENTS

Students in a situation of deprivation of liberty with:

Good reading comprehension

Good learning and self-learning skills

Interest in the professional sector associated with web programming.

ICT level: basic level

### OBJECTIVES / COMPETENCIES

At the end of the training action students will be able to:

- Make a list of the knowledge, skills and attitudes of the professional profile “Web Designer” or “Web Page Maintainer”
- Describe the operation of a static web page in a server-client configuration.
- Use the terminology of the subject appropriately
- **Create and publish on the Internet simple web pages with different multimedia elements, made with HTML and CSS, operational for different types of devices, according to previous specifications.**
- Identify and correct HTML and / or CSS code errors on web pages created by third parties.

- Identify the training itineraries and opportunities available to them to deepen in this professional discipline.

## METHODOLOGY

Complementing the expository and demonstration methods, it accommodates the use of active methodologies in which students participate in building their knowledge and acquire greater responsibility for all elements of the process, especially collaborative learning and flipped classroom.

## TABLE OF CONTENTS

### Professional profiles related to this training

Most requested profiles

- Professional and personal skills related to the different profiles.
- Types of employment relationships: “conventional” hiring, for projects, for tasks ...
- The opportunities of professional platforms specialized in the sector.
- Concept: *Mobile First*, UX i KISS.

### Context tecnològic

- Computer and peripheral equipment. Predetermine web-related applications: browsers and mail managers. Installation / uninstallation of specific programs.
- Operating systems. Folder management. Keyboard shortcuts.
- Web servers: Shared vs. Dedicated. Hosting-domain relationship. Criteria for selecting a hosting. Staging.
- Communication protocols (http and https vs FTP)
- Frontend and backend concepts.

### Code: HTML5 i CSS3

A first syllabus proposal may be the one provided by devcode:

Topic 1: Fundamentals	Topic 2: HTML5	Topic 3: CSS3
Presentation- Introduction How the web works Workflow	Syntax Basic structure Structural elements Text elements Links	Syntax Simple selectors Pseudoclasses Pseudoelements Combination of selectors Colours Lengths Percentages

Topic 4: Box models	Topic 5: Positioning	Topic 6: Typography
Width and height Display Box model Padding Edge Margins	Static Relative Absolute Fixed	Tipografia Font-size Font-family Font-weight Font-style line-height Font
Topic 7: Lists	Topic 8: Backgrounds	Topic 9: Mèdia
unordered list Sorted lists Descriptive lists Nested lists List-style-type List-Style-image List-Style-position List-Style	Background-colour Background-image	Media Img Audio Video Iframe Figure i figcaption
Topic 10: Project		
Development of a web design project		

### Possible productions in HTML and CSS

- Static web pages
- Personal pages and portfolios
- Landing Pages
- Templates for mailings
- Browser homepages
- Injection of html5 in CMS and LMS content managers

### Tools and means of production

- Code editing tools (for PC and online: sublimetext3, etc.
- Browsers + browser extensions (identify fonts, hexadecimal colors, etc.). The webdeveloper and Firefox code validator. The code inspector. The default "quirk mode".
- FTP managers. Site concepts.
- Code verification tools: validator.w3c.org or html5.validator.nv

### Resources for web design professionals

- Basic video, audio and image editing tools (for PC and online).
- CC0 video, audio and image banks.
- HTML5 template repositories Recursos de Lorem.cat: textos "Lorem Ipsum", Imatges, Colors i Simulador de mides de pantalla

## ASSESSMENT

The following evaluations are considered:

### Diagnosis

At the beginning of the training, with the purpose of sizing as closely as possible the previous knowledge and skills of the students as well as their knowledge of the professional profile that concerns us.

### Training

- Throughout the training.  
Brief objective tests to evaluate terminology and syntax.
- Practical evaluations based on the observation of the evolution of the project or projects.

### Final

- Self-assessment: the student self-assesses his / her learning and production based on a questionnaire.
- Co-evaluation: all the students evaluate the different completed projects.

## TEACHING RESOURCES

Students will have access to numerous teaching resources previously selected by the trainer.

Students will have one computer per person as well as the necessary material for taking notes and "analogous" work.