SCHOOL OF INFORMATICS
CISCO NETWORKING ACADEMY

WebDev | Full Stack for Web App
By School of Informatics

Abstract

This course is about Full-Stack web development where we would cover 3 fundamental Front-End languages HTML5, CSS3 and JavaScript (with jQuery and AJAX) required for Client-side static web development, and learn Back-end languages PHP7, with an introduction to PYTHON for CLI, with SQL and MySQL.

The course will cover all languages and test them by writing files, and sample projects like LOGIN page, extracting information from Database, HTML FORM, etc...

The course is structured in 15 modules and includes about 50 hours of classroom lessons

Audience

The course is aimed for anyone from Students to Web Development Passionate, who have desire to learn web development both Front-End & Back-End.

Overview

The course follows the program dictated by the professor:

Before We Begin

HTML5

- Your first webpage
- The struct of a webpage
- Header tags
- Paragraph tags
- Formatting text
- Unordered lists
- Ordered lists
- Images
- Links
- HTML Entities
- Frames
- What is FTP?

CSS3

- Introduction to CSS3
- Inline CSS
- Internal CSS
- Classes and IDs

- Divs
- Font & Color, Floating & Positioning (Margins, Padding, Borders)
- Aligning Text
- External CSS

JavaScript

- Introduction to JavaScript
- Internal JavaScript
- Accessing Elements
- Responding to a Click
- Changing website content
- Manipulating Styles with JavaScript
- Variables
- Arrays
- If statement and Loops (for & while)
- Functions
- External JavaScript

jQuery

- Introduction to jQuery
- Using jQuery in your webpages
- Detecting a Click
- Changing website content and style
- Fading and Animating content
- Asynchronous JavaScript And XML (AJAX)
- Regular Expressions

Bootstrap and others

- Introduction to Bootstrap
- The Grid System
- Navbars
- Forms and Tables
- Modals, Popovers & Tooltips
- ScrollSpy

PHP

- Introduction to PHP
- Hello World with PHP
- Variables and Arrays
- If and Loops statements
- GET Variables
- POST Variables
- Sending an Email with PHP

MySQL

- Introduction to MySQL 5
- Connecting to a Database
- Retrieving data from a Database
- Inserting and Updating Data

- Looping through Data
- Session Variables
- Cookie
- Storing Passwords Securely

Bonus Section

- Design Pattern: MVC
- Design Pattern: Singleton
- CGI with Python
- Some APIs

Price

The cost for the FULLSTACK FOR WEB APP course includes:

- 50 hours in classroom lesion: 400€
- Certification of participation issued by the school

It is then possible to obtain the following international certifications, with relative prices*:
including the registration of certification exam and extra lessons for the purpose of the exam.
*** the student can avoid the extra lessons and register for the exam anyway, in this case only the fee for the certification exam registration will be requested from **Pearson Vue Testing Centre** or other Testing Platforms.*

- 1Z0-071 ORACLE Database SQL
  - Registration to Certification Exam: € 220
    See more information
  - Extra Lesson for Exam curricula: € 100
- W3C SQL Certificate
  - Registration to Certification Exam: € 95
    See more information
  - Extra Lesson for Exam curricula: € 100
- 70-480 Programming in HTML5 with JavaScript and CSS3
  - Registration to Certification Exam: € 165
    See more information
  - Extra Lesson for Exam curricula: € 100
- W3C HTML Certification
  - Registration to Certification Exam: € 95
    See more information
- W3C CSS Certification
  - Registration to Certification Exam: € 95
    See more information
- W3C JavaScript Certification
  - Registration to Certification Exam: € 95
    See more information
- W3C jQuery Certification
  - Registration to Certification Exam: € 95
    See more information
- W3C Bootstrap Certification
  - Registration to Certification Exam: € 95
    See more information
- W3C PHP Certification

- o Registration to Certification Exam: € 95
  See more information
  - o Extra Lesson to Exam curricula: € 55
- Cancanit PHP Developer Certification
  - o Registration to Certification Exam: € 120
    See more information
  - o Extra Lesson to Exam curricula: € 100

Contact us to learn about the active agreements and discounts at:

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