Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

Web creation courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

760,00 €

PRICE INCL. VAT

934,80 €

including 23 % VAT

PDF SYLLABUS

Web Application Programmer

Clear overview of course topics, training scope and key information.

The Web Application Programmer course is intended for website creators who want to learn to create websites at a professional level. The package consists of the following courses: Website creation basics and HTML, CSS, PHP, JavaScript basics, My SQL

COURSE CONTENT

01

Introduction to HTML

Introduction and description of HTML What www and a web server are, what the HTTP protocol and FTP protocol are Principle of operation and options for storing websites on the internet Basics of working with text editors Basics and instructions for working with a WYSIWYG editor (Adobe Dreamweaver, Macromedia Dreamweaver...)

02

Working with and Description of Individual HTML Tags

Description of main tags in HTML: html, body and head Description of commands and tags occurring in the header Description of tags and commands located in the body of the page Procedure and correct writing in HTML language

03

Text and Colors on Websites

Basic text formatting, paragraph alignment Formatting text using headings in HTML Changing colors of font, background, hypertext

04

Images on a Website

Correct image formats for websites Inserting, aligning an image Image size, margin alignment Image in the background of a website

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05 **Lists and Hypertext Links**

What a hypertext link and lists on a website are Use of hypertext and lists Ordered and unordered lists Linking pages, links on pages, sending e-mails

06 **Working with Tables and Frames**

Description of tags for creating a table, assigning parameters to tables Merging cells in tables and aligning cells Placing text in tables and distance between cells Basic description of frames and their use for creating a website Use of tables for overall page creation

07 **Forms and Working with Them**

Creating text fields and parameter values Creating a button (Login button...) Creating checkboxes

08 **JavaScript Gallery**

adding a gallery to a website settings for grouping images in the gallery into groups editing the gallery appearance using graphics editing the gallery appearance using xHTML gallery parameters image rules in the gallery (size, dimensions, quality)

09 **JS and PHP Form**

contact form e-shop order form input options for the form sending the form form checking form security

10 **JS Functions**

auxiliary functions for web JavaScript structure use of JavaScript on a website

11 **PHP for Web**

basics of PHP for web creating a template system PHP structure working with functions and variables

12 **JS Rolling Menu**

adding a rolling menu to a website JavaScript structure in a rolling menu graphical editing and customization of the rolling menu XHTML menu editing

13 **Timed Change**

adding a system to the page

14

JS Image Display

editing and customizing the size of the display window image rules (size, dimensions, quality)

15

Introduction to MySQL

installation of MySQL, minimum HW and SW requirements free programs - Query builder, TOAD user accounts, user and administrator rights environment configuration, starting and stopping the server listing information about processes and database objects setting variables connecting and disconnecting databases database backup and recovery Basics of relational databases getting familiar with the relational database model, basic terms client/server architecture Working with a table new, column types and data types data entry, table editing, inserting and deleting data sorting records, filtering records CREATE TABLE, ALTER, DROP Relationships between tables, indexes relationship settings and properties, types of joins, NULL value, primary and foreign key indexes SQL language commands SELECT, FROM, JOIN, WHERE, GROUP BY, HAVING, ORDER BY Aggregate functions MIN, MAX, AVG, SUM, etc. composing a WHERE condition - AND and OR operators, LIKE operator LEFT, RIGHT and INNER JOIN Working with views (Views) creating views, delete, update and append views use of built-in functions, import and export of data transactions and locks Programming in MySQL variables, branching and loops cursors and handlers procedures and functions, input and output parameters triggers (INSERT, UPDATE, DELETE) Reports iReport program report templates, report controls, using sections and page breaks, use of expressions in reports, sorting and grouping...

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/website-creation-and-web-application-programming-promotional-package