



London TDM

# Information Technology and Digital Transformation Training Courses

**Course Venue:** United Arab Emirates - Dubai

**Course Date:** From 16 November 2025 To 20 November 2025

**Course Place:** Downtown Dubai

**Course Fees:** 5,000 USD

## Introduction

Welcome to the "Web Development and Content Management Systems" professional course. Over the next five days, you will gain essential skills and knowledge to build, deploy, and manage websites using modern web technologies and popular content management systems. This course is designed for aspiring web developers and those looking to enhance their skills in content management and website development.

## Objectives

- Understand the fundamentals of web development.
- Learn how to create interactive and responsive web pages.
- Gain proficiency in using popular content management systems.
- Develop skills to customize and extend CMS functionalities.
- Build and manage professional-grade websites efficiently.

## Course Outlines

### Day 1: Introduction to Web Development

- Overview of web technologies and standards
- Understanding HTML, CSS, and JavaScript
- Setting up a development environment
- Introduction to version control with Git
- Creating your first web page

### Day 2: Advanced Web Development Techniques

- Responsive design with CSS frameworks (e.g., Bootstrap)
- JavaScript frameworks and libraries (e.g., React, Angular)
- Building interactive web applications
- Introduction to server-side programming
- Working with APIs and AJAX

### Day 3: Introduction to Content Management Systems (CMS)

- Understanding CMS and its importance
- Exploring popular CMS platforms (e.g., WordPress, Joomla, Drupal)
- Installation and setup of a CMS
- Theming and customizing CMS templates
- Managing content within a CMS

### Day 4: Advanced CMS Customization and Management

- Extending CMS functionality with plugins and modules
- Customizing user roles and permissions
- Optimizing CMS performance and security
- SEO best practices for CMS
- Creating a multilingual website

## **Day 5: Integrative Project and Best Practices**

- Planning and executing a web development project
- Best practices in web development and CMS management
- Troubleshooting and debugging common issues
- Deploying a website to a live environment
- Course review and future learning paths