# IT Specialist - HTML5 Application Development

**The HTML5 Application Development course consists of three major areas: Hypertext Mark-up Language (HTML), Cascading Style Sheets (CSS) and JavaScript.**

## IS THIS FOR YOU?

This course is for any aspiring programmers, app developers or web developers and expands on the knowledge gained in the HTML and CSS, and JavaScript courses from the same series.

## ABOUT THE COURSE

Advanced web design and development concepts, such as application lifecycle management, graphics and animation, forms, layouts, and JavaScript coding are the main topics in this course. This course and subsequent certification is the next logical step up for someone wanting a career in web design and development.

Throughout this course you will be guided through HTML5. You will be able to plan, design, create and deploy interactive websites, apps, animations and more.

## DOMAIN 1 – APPLICATION LIFECYCLE MANAGEMENT

Introduction, Test Web Apps.

## DOMAIN 2 – GRAPHICS AND ANIMATION

Canvas Element, SVG Element, Graphics Effects, CSS Filters on Images.

## DOMAIN 3 - FORMS

Form Markup, Configure Input Validation.

## DOMAIN 4 - LAYOUTS

Layout, Positioning and Flow, Responsive Design, Flexible Responsive Layouts, Grid-Based Layouts.

## DOMAIN 5 – JAVASCRIPT CODING

Custom Classes, Data Access through JavaScript, Event Listeners and Handlers, JavaScript APIs, Application States.

## AIMS AND OBJECTIVES

The course covers the application life cycle to teach how to plan, design, code, test, validate and deploy HTML5 apps and websites.

## PRE-REQUISITES

This course is most suited to those who have taken the HTML and CSS course who wish to advance their skills in this area.

## CAREER PATH

With such a thriving web development industry the opportunities to progress your career are numerous. With continued learning and development you could work towards Senior Developer or App Development roles.

## BENEFITS

- **Access to our LiveTutor service to help answer any content or learning queries you may have on a 24/7 basis;**

- **The flexibility and value of a self-study course designed to enable you to work at your own pace;**

- **The opportunity to gain the widely recognised Pitman Training certificate.**

**CPD POINTS: 40**
*(Awarded CPD points upon successful completion)*

**COURSE DURATION:** AROUND 40 HOURS
*(Actual course duration will vary from individual to individual, based on prior skills and application)*

PITMAN TRAINING

Building careers for 180 years.