Software and Web Developer

advanced diploma

This diploma is for anyone seeking a career in software and/or web development across a wide range of entry-level positions.

PROGRAM OVERVIEW

In the Advanced Software and Web Developer Diploma, students learn the coding languages that every web developer needs to know: HTML, CSS, and JavaScript. Students then broaden their skill set with a strong foundation in SQL, C#, and Microsoft's .NET Framework that will lead to even more opportunities in the world of software development.

Throughout their study, students gain hands-on experience with a range of software development projects that build in complexity as students add programming skills and languages to their toolkit.

Students will learn to:
 • Design the appearance and layout of websites
 • Develop cross-browser, cross-platform websites
 • Create and optimize content for websites using graphics, databases, animations, and other software
 • Translate wire frames and storyboards into functional, responsive websites
 • Work with MySQL databases and SQL scripting
 • Use the .NET Framework to create robust web applications

AIMS AND OBJECTIVES

The Software and Web Developer programme prepares students for a dynamic career in software and web development.

PRE-REQUISITES

Students don't need to have any specific experience or qualifications before beginning the training.

CAREER PATH

Students who complete the programme successfully may pursue a variety of positions in software development, including web developer, UI/UX developer, front-end developer, HTML / CSS developer, JavaScript / jQuery developer, back-end developer, C# developer, and .NET

CORE COURSES

Computer and Technology Basics for Developers
This course is designed to provide students with a firm foundation in technology fundamentals. The course has been developed so that someone with no prior technology experience can fully understand computers.

Overview of Software Development
Designed to teach students the basics of computer programming, students will learn the fundamental concepts of coding without reference to a specific computer language.

Version Control
This course is designed to provide students with the knowledge and skills to utilize version control systems.

HTML
Students will gain a thorough understanding of the concepts required to develop websites using the HTML programming language.

CSS and Bootstrap
This course provides students with the essential knowledge and skills to use CSS and Bootstrap to develop esthetically appealing websites.

JavaScript
Students will learn the fundamental elements of JavaScript and how to create programs and modify web pages using the JavaScript language.
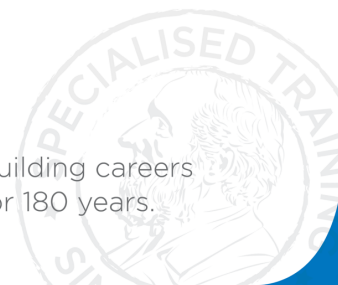
contd...

guideline learning time:

500 hours flexi study / 20 weeks full time
(full-time based on 20-30 hours / week)

PITMAN
T R A I N I N G

Building careers for 180 years.

www.pitmanlondon.co.uk

Salisbury House London Wall London EC2M 5QQ

020 7256 6668

advanced diploma

CORE COURSES *(cont'd)*

Database and SQL
In this course, students learn the fundamentals of databases and SQL and how they relate to software development.

Visual Studio
This course is designed to teach students how to navigate and manage programming code within Visual Studio, an integrated development environment from Microsoft that helps developers write software programs.

C# and .NET Framework (Parts 1 & 2)
The C# and .NET Framework courses are designed to provide students with the knowledge and skills to use the C# programming language and Microsoft's .NET Framework.

Managing Software Development Projects
This course is designed specifically for students who are new to managing software development projects. Students will complete this course with a greater understanding of project management as it relates to software development.

For more information call: 020 7256 6668

PITMAN
T R A I N I N G

Building careers
for 180 years.