

# Software Development Diploma

This diploma is your entry route to a job as a programmer or developer in the growing IT sector.

**This specialised Diploma is intended for anyone with an interest or experience in IT, looking to work in an entry-level development or software testing role.**

Utilising your analytical and problem-solving skills in software development as a Software Developer in an organisation, you could be responsible for the development, testing, and maintenance of software programs and code. A great advantage is that developers are employed across a wide spectrum of industry and in many organisations, so opportunities for career enhancement are many and varied.

With this diploma, you will train with the latest industry standard software languages as well as develop other key skills such as communication and leadership skills.

Broken down into clear segments, the format of this course means you get to grips with one skill before starting on the next, and the practical exercises mean you get hands-on experience. You'll be able to put what you learn into practice immediately.

You can study at times that suit you, and you'll have access to 24/7 support with our LiveTutor service.

## AIMS AND OBJECTIVES

As the tech sector continues to be one of the fastest growing employment sectors with a significant shortfall in qualified software developers and coders, this unique training course will empower you to secure a role as a developer, programmer, or software tester.

## PRE-REQUISITES

Some previous experience or familiarity with coding is recommended. Speak to one of our Course Advisors for further information.

## CAREER PATH

On completion of this diploma programme, you could look towards a rewarding career in IT programming or development. With the IT industry ever changing, you can be sure of a wide range of career options.

## CORE COURSES

### Programming Fundamentals

This course is designed as an introduction to programming and programming concepts. You'll learn the most common command line interface and operating system commands for both Windows and Linux-based computers. You'll explore the structure of a simple computer program, examine variables, and the role of functions, cover the design process behind writing a computer program.

You'll explore program flow, decision making, and looping, as well as how algorithms and flowcharts are used in computer program design.

### IT Specialist - HTML and CSS

The HTML and CSS course is an excellent course for those looking to gain employability skills in the area of web development.

The course covers the objectives for the IT Specialist exam, putting a solid entry-level certification well within reach. Specifically, the course has two distinct parts: HTML (Hypertext Mark-up Language), which includes HTML fundamentals, document structuring, and multimedia presentation, and CSS (Cascading Style Sheets), which includes styling web pages.

## IT Specialist - JavaScript

Topics in this course include learning about JavaScript operators, keywords, and methods, using variables, data types, and functions, implementing decisions and loops, interacting with the DOM (Document Object Model), and interacting with forms.

In all of these topics, you will clearly see how JavaScript is used to enhance web pages. In addition, this course will help anyone looking to improve their employability prospects in the areas of designing and building websites.

## IT Specialist - HTML5 Application Development

This course expands on the knowledge gained in the courses on HTML, CSS, and JavaScript from the same ITS series.

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.

## ELECTIVE COURSES *(choose one)*

- IT Specialist - Python
- IT Specialist - Java
- SQL for Data Analysts

*(Alternative subjects may be chosen if more suitable to your existing skills and career.)*



**CPD Points: 190**

*(CPD points awarded upon successful completion)*



To discuss your current skills and aspirations call now:

**+ 965 22408069**

: or visit

[www.pitman-training.com.kw](http://www.pitman-training.com.kw)



### Guideline Learning Time

**190 hours flexi study or 8 weeks full-time**

*(Full-time based on approx 20-30 hours a week)*