

Computing (Software Development with Data Analytics)

Fife College

Venues

Kirkcaldy (St Brycedale) Campus

Content

This course will provide you with current skills in specialist technical software development and will allow you to develop up-to-date knowledge in Programming and systems development. You will learn how to plan, design and implement a range of different software solutions using JavaScript, VB.net, C++, Oracle, Java, PHP, MySQL, XML, HTML5, CSS, and Android.

You will also gain exposure to GitHub, which is widely used in industry for revision control and source code management.

Topics Include:

Cloud Computing; Software Development: Developing Small Scale Standalone Applications; Software Development: Programming Foundations; Ethical Hacking; Professionalism and Ethics in Computing; Data Science SCQF Level 8; Relational Database Management Systems; Troubleshooting Computer Problems; Developing Software: Introduction; Computer Systems Fundamentals; Team Working in Computing; Computing: Graded Unit 1; Computing: Software Development.

Start Date

August

Qualification

HNC

Study Method

Distance and Flexible learning

Course Length

2 years

Department

Digital, Computing and Cyber

Entry Requirements

1 relevant Higher plus 4 subjects at National 5; or Foundation Apprenticeship IT: Software Development plus 4 subjects at National 5; or relevant national qualifications at SCQF Level 6.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

HND Software Development with Data Analytics

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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