

# Advanced Certificate: Computing with Software Development and Cyber Security (Level 6)

Fife College

## Venues

Dunfermline (Halbeath) Campus  
Kirkcaldy (St Brycedale) Campus

## Content

Ready to dive into the world of Computing and studying subjects such as cyber security, software development, and networking? This hands-on computing course is perfect for school leavers and mature students alike. You'll gain practical skills across various computing fields, setting you up for high-paying jobs in Scotland's booming cyber security industry.

The course covers Cyber Security, Software Development, Networking, Data Science, Web Design, plus, you'll work on a real-world project that ties everything together, giving you the experience and confidence to tackle any tech challenge.

Topics Include:

Data Science; Ethical Hacking; Data Citizenship; Software Design and Development; Computer Hardware and Operating Systems; Designing and Developing Websites; Digital Forensics; Applications Development; Computing Project; Application Design; Academic skills; Data Security; Networking Fundamentals.

## Start Date

August

## Qualification

Other

## Study Method

Full time

## Course Length

1 year

## Department

Digital, Computing and Cyber

## Entry Requirements

3 subjects at National 5, preferably including Computing Science, or Intermediate Certificate: Computing with Software

Development and Cyber Security (Level 5); or other relevant national qualifications at SCQF Level 5. Interview.

## SCQF Level

6

## SCQF Points

«SCQFPoints»

## Progression Routes

Relevant HNC/D

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Pittsburgh Road  
Dunfermline  
KY11 8DY

## Website

www.fife.ac.uk