

## Access to Software Development (Level 6)

North East Scotland College

### Venues

Aberdeen City Campus

### Content

In today's tech-driven world, software development and cybersecurity skills are in high demand.

You'll create real-world projects like building a website, developing your own app, and using scripts to test system vulnerabilities. With a curriculum designed to prep you for further computing qualifications, this course unlocks diverse career paths in software engineering, web development, IT security and more. This is an excellent opportunity to gain in-demand skills and experience that employers and universities look for.

You have the chance to master in-demand skills. These include:

Building a website using HTML and CSS; Creating your own mobile and desktop application prototypes with visual, drag-and-drop software; Writing Python programs to analyse data, automate common tasks, and implement algorithms; Solving problems through computational thinking and evaluating the effectiveness of your solutions; Learning how to install software and hardware components while gaining proficiency in administration of operating systems; Exploring critical security topics like digital forensics, legal obligations and investigating how to mitigate cyber threats; Using machine learning tools and techniques to analyse data and create prediction data models.

### Start Date

August

### Qualification

Other

### Study Method

Full time

### Course Length

1 year

### Department

Computing

### Entry Requirements

2 subjects at National 5 preferably including Computing Science or a technological subject; or relevant national qualification at SCQF Level 5

## SCQF Level

6

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Gallowgate Centre  
Gallowgate  
Aberdeen  
Aberdeen City  
AB25 1BN

## Website

[www.nescol.ac.uk](http://www.nescol.ac.uk)