Computing (Computer Science)

Ayrshire College

Venues

Kilwinning Campus

Content

This course will give you the skills you need to design, implement and support IT systems in a wide range of industries. It focuses on the key areas of software development, databases, interface design, troubleshooting and e-commerce. You'll begin by looking at computer system basics - the various hardware and software, how to install an operating system and how to install/configure application and security software.

Content includes:

Explore computer system basics, hardware, and software; Dive into programming, coding, and technical documentation; Master the software development life cycle and build interactive applications; Learn about databases using SQL; Discover user interface design for web, apps, games, and animation; Develop problem-solving skills in computer networking, software development, or technical support; Gain insights into e-commerce and secure commercial transactions over the internet; Enhance your maths skills in a computing context; Collaborate on a team-based ICT project; and, Explore professional issues, legislation, codes of conduct, and ethical considerations.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Computing

Entry Requirements

Higher Maths plus one other Higher preferred; or relevant national qualifications at SCQF Level 6. Entry is subject to interview.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

HND Computer Science or employment in an entry level role.

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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Website

www1.ayrshire.ac.uk