

Software Engineering with Emerging Technologies

Glasgow Clyde College

Venues

Anniesland Campus
Cardonald Campus

Content

This HND Software Engineering with Emerging Technologies course covers a range of subjects within the areas of software development. You will gain experience in developing programs and applications using various languages with a range of development tools. You will have the opportunity to study in emerging areas such as artificial intelligence, cloud computing and big data.

You may have the opportunity to study towards additional recognised certification including the industry leading Oracle database administrator.

Subjects include:

Programming fundamentals: Introduction to core concepts of industry standard languages which will lead into:

Object oriented programming: Object oriented analysis and design

Data structures: Create a prototype application that looks at the different ways we can structure and scale data in our code

Web development: Creating reactive, interactive, accessible and engaging content designed to be consumed across multiple devices

Software security: Fundamental concepts of secure programming practices that adhere to industry standards

Emerging technologies: This may include artificial intelligence, cryptography, cloud computing and big data

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Computing

Entry Requirements

1 Higher in Computing, Maths, IT or a science subject plus National 5 English, or a relevant NQ or equivalent qualification. You may be required to attend an interview.

SCQF Level

8

SCQF Points

«SCQFPoints»

Combination Courses

«htmlCombinationCourse»

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Address

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Website

www.glasgowclyde.ac.uk