

Computer Aided Architectural Design and Technology

Forth Valley College

Venues

Falkirk Campus

Content

This course provides students with a comprehensive range of Computer Aided Design (CAD) and architectural technology related skills and knowledge required to operate effectively in the construction industry. Through practical and theoretical application and delivery, using the latest hardware and software, it enables students to achieve skills associated with CAD and building specification relative to a range of projects.

Year 1:

History of Architecture; Construction Site Surveying; Architectural Professional Practice; Statutory Control of Buildings; Building Technologies; Architectural CAD Tech: Construction Detailing; Architectural CAD Tech: Principles and Practice; Architectural CAD Tech: Residential Design; Architectural: Form Order and Composition; CAD User Systems; HN Graded Unit 1; Building Measurement and Cost Studies.

Year 2:

Building Information Modelling (BIM) Science; Commercial Building Systems; Construction Tech: Substructure; Building Services; Advanced Digital Media; Site Administration; CAD Visualisation; CAD Model Making; Conversion and Adaptation of Buildings; Fire Safety in Buildings; Personal Development Planning; Architectural CAD Tech: Commercial Buildings Systems; Architectural CAD Tech: Structural Design and Detailing; HN Graded Unit 2.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Construction

Entry Requirements

2 Highers from English, Maths, Product Design and Graphics plus English, Maths and a science or technological subject at National 5; or relevant national qualifications at SCQF Level 6. Interview.

SCQF Level

8

SCQF Points

«SCQFPoints»

Progression Routes

Year 2 or 3 of a related degree programme

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Falkirk
FK2 9AD

Website

www.forthvalley.ac.uk