Architectural Technology with Digital Construction

Forth Valley College

Venues

Falkirk Campus

Content

This course is delivered at our Falkirk campus and provides students with a sound understanding of Architectural Technology and the necessary skills for employment within the construction industry.

Students will engage in learning effective Architectural practice and design management by exploring digital interactive models using VR technology in line with the current principles of Building information Modelling (BIM) and digital construction practices. Students will learn how to use a variety of CAD, modelling and digital survey software's to design buildings collaboratively, that enhance the built environment.

You will study:
Architectural CADT: Residential Design; Architectural CADT: Construction Detailing; Digital Surveying, Analysis and Presentation; Statutory Control of Buildings; Building Information Modelling (BIM) : Principles; Design of Building Structures; Architectural Design Sketching and Drawing; 3D Draughting for Architecture; Architectural Professional Practice : Design Management; CAD 2D1; Conversion and Adaptation of Buildings; Architectural CADT: Commercial Building Systems; Architectural Technology with Digital Construction: Graded Unit 1.

Start Date

August

Qualification

HNC

Study Method

Full time

Course Length

1 year

Department

Construction

Entry Requirements

Higher English or Maths plus 3 subjects at National 5 including English or Maths (whichever not held at Higher) and science or technological subjects; or Foundation Apprenticeship Civil Engineering, or relevant national qualifications at SCQF Level 6.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

HND in relevant subject or year two of a relevant undergraduate degree programme.

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Grangemouth Road
Falkirk
FK2 9AD

Website

www.forthvalley.ac.uk