

Computer Aided Design and Draughting

Glasgow Kelvin College

Venues

Springburn Campus

Content

Computer Aided Design (CAD) is the two-dimensional or three -dimensional modelling of physical structures. It uses specialist computer software to create these models with precise measurements. It is used in a wide range of industries including engineering, product design, architecture and industrial design.

Year 1 of the course will begin by building your skills and knowledge in using CAD software for both 2D and 3D work.

Once you have mastered that, you will then explore design workflow, specialised CAD software and emerging technologies such as 3D printing, 3D scanning and virtual reality.

Year 2 You will explore more specialised CAD practices, develop interactive immersive engineering visualisations and spend hands-on time with prototyping and manufacturing practices. You will also explore some engineering fundamentals, which are key to good design practice.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Computer Aided Design and Technology

Entry Requirements

1 Higher, preferably in a technological or design subject, or Foundation Apprenticeship Engineering, or relevant national qualifications at SCQF Level 6.

SCQF Level

8

SCQF Points

«SCQFPoints»

Progression Routes

Relevant degree programme.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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