

## Beginners to Architectural CAD

Location	Stretford Campus
Course Type	Adult
Department	Engineering
Start Date	Monday 15th April 2024
Duration	Part-time, 9 Weeks
Time	18:00 - 20:30
Fee	£ 500.00 You may be eligible for support with your tuition fees - please visit the college website - funding and finance page for further information
Course Code	TPQ-EG2Z-1200

## Course Overview

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This course designed for people wanting to understand how using a industry standard program, like Autodesk CAD can facilitate your daily work. It is taught through a series of engaging tutor demonstrations and practical exercises that give you the chance to apply your learning to live projects.

## Course Requirements

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Participants are not required to possess any previous knowledge or expertise. We welcome individuals with a genuine enthusiasm for the subject and a willingness to actively engage and contribute.

## What You Will Learn

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Strong CAD design skills are a must for today's designer, architect or engineer. This course will teach you how you to create plans, elevations, sections and details through technical drawing using one of the leading CAD design products.

## Assessment

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There will be no formal assessment

## Progression

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Upon successful completion students may wish to progress

# Career Options

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A beginners course in Architectural CAD (REVIT) can be a great introduction to the world of Computer Aided Design. It provides a foundation of skills that can lead to various career opportunities within the field of CAD. Here are some potential career options for individuals who have completed a beginners course in Architectural CAD (REVIT).

## CAD Technician:

CAD technicians create detailed technical drawings and 3D models for various industries, including engineering, architecture, and manufacturing.

## Drafter:

Drafters use CAD software to convert the designs of engineers and architects into detailed technical drawings.

## Architectural Technician:

CAD skills are valuable in architectural firms for creating building plans, elevations, and interior layouts.

## Mechanical Designer:

Mechanical designers use CAD software to create detailed plans for machinery, tools, and mechanical systems.

## Civil Engineering Technician:

CAD skills are essential in civil engineering for designing infrastructure projects like roads, bridges, and utilities.

## Electrical Design Technician:

CAD is used in electrical engineering to create schematics, wiring diagrams, and layouts for electrical systems.

## Interior Designer:

Interior designers use CAD to create floor plans, layouts, and 3D renderings of interior spaces.

## Product Designer:

CAD skills are crucial in product design for creating 3D models and prototypes of new products.

## Manufacturing Technician:

CAD is used in manufacturing to design parts, machinery, and production processes

The depth of your CAD skills and your ability to adapt to different trends and customer preferences will play a significant role in your career prospects. Consider taking advanced courses, gaining practical experience, and building a portfolio of your work to stand out in the competitive field of CAD.

## **Mandatory Units**

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There are no mandatory units

## **Contact Details**

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For further information please contact T: 0161 886 7070 or E: [info@trafford.ac.uk](mailto:info@trafford.ac.uk)

## **Disclaimer**

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Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.