

BIM Technician

A BIM (Building Information Modelling) technician produces an accurate representation of the structure and functionality of a building project using specialist technology. They may also be known as Revit technicians.

The Work

You could be:

- working alongside a team of professionals to produce technical drawings
- meeting with clients to discuss requirements
- working on small scale or large scale projects using 2D and 3D drawings
- using specialist software such as Autodesk Revit and BIM to produce structural models and drawings
- producing concise 3D models from existing 2D information
- pulling together multiple sets of drawings to produce one set of computer models
- finding solutions to technical problems that may arise
- making sure all documents are accurate and up to date.

Pay

The figures below are only a guide. Actual pay rates may vary, depending on:

- where you work
- the size of the company or organisation you work for
- the demand for the job.

Starting salaries for newly trained BIM technicians are around £25,000 to £35,000 a year. With experience you can earn up to £45,000 a year or more. BIM managers can earn up to £60,000 a year or more.

Conditions

- You would spend most of your time sitting at a CAD workstation or computer.
- You would work basic office hours but you may have to work overtime to meet deadlines.
- You may visit project sites.

Getting In

- Most entrants to this profession have a relevant HND (SCQF Level 8) or degree (SCQF Levels 9-10). Suitable subjects include architecture, construction, civil/structural engineering or architectural technology.
- Entry to these degrees normally requires 4-5 Highers. Higher Maths and a science subject may be necessary.
- For entry onto an HND course you normally require 2 relevant Highers.
- You must be experienced in relevant design software such as Autodesk Revit, Microstation 3D and

AutoCAD Civil 3D.

BIM technicians usually work within architectural practices and construction companies.

What Does It Take

You need:

- excellent communication skills
- a good grasp of engineering design principles
- to be able to work to a deadline
- excellent organisation and time management skills
- to be able to work as part of a team
- excellent attention to detail.

Training

- You may work alongside an experienced technician to gain experience.
- Once qualified you would be expected to keep up to date with new developments through continuing professional development (CPD) courses.

Getting On

- Completing a relevant postgraduate qualification may help you to progress in your career.
- After several years' experience you could become a BIM Manager.

More Information

More information on what BIM Technicians do can be found on the [Chartered Institute of Building](https://www.cio.org.uk/) (CIOB) website.

Contacts

GoConstruct

Website: www.goconstruct.org

X: @GoConstructUK

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Statistics

Employment Status : Not available this career.

Past Unemployment - Scotland

No Claimant statistics available for Scotland.

Predicted Employment Statistics : Not available this career.