

POTENTIAL PROGRESSION ROUTES IN

Construction/ Engineering



The benefits of an Apprenticeship to an adult learner

Apprenticeships can provide a useful route for adult learners to retrain. One reason for this is the fact that apprenticeships are paid (albeit at a lower rate), and therefore less risk is involved for learners who have financial responsibilities. Additionally, apprenticeships can be beneficial for people who learn better through practical experience and are aware of the specific role they want in the future.

Check availability of courses at the college or sixth form you want to attend.

College:

- **Example of Level 2 course:** Extended Certificate in Multi Construction Trades, Construction Crafts Diploma
- **Example of Level 3 course:** Diploma in Engineering, Bricklaying Standard, Carpentry Standard, Plumbing Studies, Welding, Painting & Decorating, T Level Engineering, Access to HE (Sciences)

Intermediate and Advanced Apprenticeships

Examples include:

- Bricklaying
- Welding
- Site Supervisor
- Nuclear Facility Operator
- Aerospace Engineer
- Project Management

These are offered in some places, check UCAS or <https://www.apprenticeships.gov.uk/> for more information!

Higher Education Courses

Apart from a degree, often referred to as a Bachelors, there are a variety of other higher education qualifications you can study, including: HNC, HND and CERT HE.

These qualifications can focus on specific areas of engineering and construction and are often key to move up into management positions. Qualifications include: HNC/HND in General Engineering, HND in Electrical and Electrotechnical Engineering, HNC in Construction, HNC in Mechanical and Computer Aided Engineering and many others.

Higher and Degree Apprenticeships

Always check UCAS and www.apprenticeships.gov.uk/ to find any apprenticeships in your area or further afield.

Even a Google search can find some interesting results e.g. Sellafeld Degree Apprenticeship Schemes (Project Management/Engineering Design), BAE Systems Degree Apprenticeships (Project Management/Aerospace Engineering), and Barratt Developments Degree Apprenticeships (Construction), to name a few.

EMPLOYMENT

Throughout all stages there are various jobs in construction and engineering you can do part time for some extra money and experience. Check out vacancies on job sites such as Indeed, use Prospects to look up specific information on individual jobs, or visit <https://www.theconstructionindex.co.uk/construction-jobs> to browse their search engine which specifically shows careers in Construction and Engineering. Examples include labourer, groundworkers, construction admin and much more!

Further Education (FE)



What do our partner colleges offer in construction/engineering or related subjects?

Carlisle College:

- Level 3 Engineering, Level 3 Brickwork, Level 3 Electrical Installation, Building and Structures, Level 3 Applied Science, Level 3 Site Carpentry, and much more!

Furness College:

- HNC Electrical & Electronic Engineering, HNC Construction Crafts, Level 3 Civil Engineering, T Level Engineering and Manufacturing, Level 3 Engineering Technologies, and much more!

Kendal College:

- T Level Engineering, Level 3 Electrical Installations, Level 3 Gas Engineering and much more!

Lakes College:

- Level 3 Engineering Technician, Level 3 Pipe Welding, T Level Design, Surveying and Planning (Construction), T Level Engineering and much more!

What skills will you pick up studying construction and engineering at college?

A lot of people assume that when you study a subject at FE, it means you have to stay within the field for the rest of your life. However, with a FE or HE qualification in construction and engineering you can gain a lot of transferable skills that can be used in other industries. These include:

- Communication
- Adaptability
- Good Judgement
- Critical Thinking
- Resilience

All these skills can be used within a variety of fields should you decide later down the line a career in construction or engineering isn't for you – including education, business, tourism and many more!

Financial support for adult learners

As an adult learner, you may have concerns about finance when it comes to higher education and university. However, you don't need to worry! There are plenty of universities who offer loans, grants, and additional financial support to adult learners. This financial support differs at every university, so make sure to get in contact with the university you're interested in to check what they can offer. Additionally, to find about the different financial support you can receive as adult learner, visit: www.ucas.com/undergraduate/applying-university/mature-students/student-finance-mature-students and find out!

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Higher Education (HE)



What do our partner universities offer in construction/engineering or related subjects?

University of Cumbria:

- BSc (Hons) Project Management

Lancaster University:

- BEng (Hons) Engineering
- BEng (Hons) Nuclear Engineering

UCLAN:

- BEng (Hons) Building Services and Sustainable Engineering
- BEng (Hons) Civil Engineering
- BSc (Hons) Building Surveying

Edge Hill University:

- BEng (Hons) Mechanical Engineering

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future.

working together with Cumbria's learners