

# Level 4

APPRENTICESHIP STANDARD

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## Construction Design and Build Technician



### For careers in:

- Construction Design and Build Technician
  - Design Co-ordinator
  - Assistant Design Co-ordinator
  - Design Manager
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# Standard overview

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Construction design and build technicians identify the client's requirements for a construction project. They also carry out a health and safety risk assessment before work begins on the project.

Construction design and build technicians will work closely with architects in the development stage to assist with construction designs and will check the compliance with regulations. Another key part of the role is to ensure the construction project has minimal impact on the environment.

## Standards – the benefits

At Learning Unlimited, we provide high quality training and development solutions for organisations across the UK. The Level 4 apprenticeship standard offered by Learning Unlimited brings together a range of benefits. From start to finish, we work with your business to tailor our training to meet your needs. With an excellent track record in delivering training to a variety of organisations and businesses, we can find a solution to help you take your staff to the next level.

## Entry requirements

- Five GCSEs at grade C/4 or above (including English, maths and science), or a relevant Level 2 apprenticeship.

## Duration

- 36 months.

## Workplace behaviours development

- Work within own level of competence and know when to seek advice from others.
- Identify own development needs and take action to meet those needs.
- Identify areas for improvement and suggest innovative solutions.
- Work with others in a collaborative and non-confrontational way.

## Skills and knowledge development

- Know how to analyse client requirements and ensure comprehensive survey information.
- Understand risk assessment of design solutions and the importance of behaviours in safety-critical environments.
- Understand the sustainability issues in projects across economic, social and environmental aspects.
- Understand how to co-ordinate design information.
- Prepare and present design proposals and solutions.
- Control document production and design information.
- Inspect and report on quality standards and assist in commissioning of finished construction projects.

## End Point Assessment (EPA)

- Online test
- Project
- Professional discussion

## Qualifications or Industry Accreditation gained

- Level 4 in Construction and the Built Environment
- This apprenticeship will include the knowledge, skills and behaviours typically required to achieve Technician status or the equivalent with the industry's recognised professional bodies. The final assessment process will typically be representative of the review process required for professional registration.

# Delivery plan and apprentice progression

Throughout the apprenticeship, the apprentice is supported by a work-based tutor and employer mentor to ensure that they are progressing at the right pace and developing the skills and knowledge expected.

## Month 1-12

- Induction
- Underpinning knowledge, skills and behaviours
- Practical activities
- Portfolio tasks
- On-site assessment
- Mentor review

## Month 13-24

- Mentor review and target setting
- Development of knowledge, skills and behaviours
- Portfolio tasks
- Mock knowledge test
- Mock project

## Month 25-33

- Mentor review and target setting
- Application of knowledge, skills and behaviours
- Revision activities
- Mock knowledge tests
- Mock project
- Mock professional discussions
- Portfolio review and identification of skills and knowledge gaps
- Preparation for End Point Assessment

## Month 34-36

- Mentor review and target setting
- Revision and reflection
- Mock End Point Assessment
- Portfolio showcase
- Final End Point Assessment

## Off-the-job training

Every apprenticeship includes off-the-job training – equivalent to one day per week.

This takes place during time normally spent at work but does not include the usual daily duties and responsibilities carried out as part of their normal role. It can consist of work and tasks ranging from projects, lectures and seminars to day release, blended learning and training to use specialist equipment.

It can form part of regular weekly sessions or be combined for larger blocks of time, depending on the approach that works best for the employer and equates to approximately one day per week.

## Progression

Upon successful completion apprentices will be eligible to progress onto a higher level apprenticeship or university degree, or enter employment within the industry.

The delivery plan is for illustrative purposes only and may be subject to change.