

BRICKLAYER APPRENTICESHIP STANDARD

Standard Code ST0095
Course Level 2
Combined Day and Block Release
Location: Lincoln
Funding Level £9000
Duration 34mths including EPA

Course Description

This apprenticeship is designed by key employers in the Construction industry and is one of the new 'trailblazer apprenticeships'. It provides the skills and underpinning knowledge for Bricklaying. Apprentices will learn how to lay bricks, blocks and other types of building components in mortar to construct and repair walls, foundations, partitions, arches and other structures e.g. chimney stacks. They might also refurbish brickwork and masonry on restoration projects. The range of sites and projects that bricklayers will work on include large commercial developments, new builds in housing, alterations, extensions and restorations.

A bricklayer may work one-on-one or on larger jobs where their bricklaying group (gang) may work on a particular section of a building alongside other bricklaying gangs as well as other trades.

Off the Job Training

A key requirement of an Apprenticeship is Off-the-job training. This must make up at least 20% of the apprentice's contracted hours, over the total duration of the apprentice's planned training period. Off-the-job training must be directly relevant to the apprenticeship standard and must take place within the apprentice's normal working hours.

The new learning must be documented and reflected on through the Learner Journal on their e-portfolio.

Entry Requirements

The Apprentice will need to be in a relevant role and show a willingness to undertake the knowledge, skills and behaviours required. They will also need to have Level 2 Maths and English (GCSE at Grade 4/C or above or equivalent) or grade 3/D accompanied by 2 good references (in this case the apprentice needs to be prepared to attend a block study period for Maths and English).

Apprentices may be required to attend an interview and undertake relevant skills assessments.

Once they have been accepted on to the programme all apprentices will be required to attend a Lincoln College Induction. Apprentices will require access to a tablet/computer to access their e-portfolio.

Knowledge, Skills and Behaviours

KNOWLEDGE

Health and safety

- Health and safety hazards, current regulations and legislation including COSHH/risk assessments and understanding the importance of method statements.
- Codes of practice and safe working practices, including asbestos awareness and correct use of personal protective equipment (PPE).

Customer service: The principles of high-quality customer service

- Establishing the needs of others (colleagues, customers and other stakeholders).
- Respect the working environment including customers' properties, impact on other trades and the project.
- Gaining and keeping a valued reputation in industry with clients, colleagues and industry representatives such as suppliers and manufacturers.

Communication

- Different communication methods. How to communicate in a clear, articulate and appropriate manner. How to adapt communication style to different situations.

Buildings

- Different eras, types of construction methods, insulation considerations, sustainability, facilities management, fire, moisture and air protection.
- Fireplaces and chimneys.
- Damp proof courses and the use of brick ties.
- An awareness of the location of trees and services, and their impact on foundation types.

Energy efficiency

- The importance and considerations of thermal qualities, airtightness and ventilation to buildings.

Materials

- Types of materials, their uses and their value.
- Types of bonds and their uses.
- Concrete and drainage.
- Cost awareness and environmental considerations/waste awareness e.g. surface water management and recycling.

Alternative construction techniques

- Modern methods of construction, rapid build technology, alternative block, masonry, steel and timber based cladding systems.

Radial and battered brickwork

- Set out and build brickwork, including complex arches and surrounding brickwork, curved on plan, concave and convex brickwork and battered brickwork.

Feature and reinforced brickwork

- Set out and build brickwork, including complex decorative features, obtuse/ acute angle quoins and reinforced brickwork.

Fireplaces and chimneys

- Select materials and resources required to set out and build fireplaces and chimneys using materials such as hearths, plinths, flue liners, chimney pots and other modern methods.

SKILLS

Preparation of materials

- Determine quality and quantities of building material including mix ratios of mortar and concrete.
- Areas and volumes of materials and resources.

Safe working

- Adhere to relevant health and safety legislation, codes of practice and apply safe working practices, including when working at heights.
- Safe use of 'disc cutters' and power cutters.

Working area

- Select appropriate tools, equipment and materials (eg trowel, levels, brick ties, DPC, insulation, mixers, lintels etc) for use when setting out and erecting masonry walling.
- Maintain a clean working environment.

Masonry structures

- Interpret drawings and specifications.
- Measure the work area and set out level first courses of bricks to a plan, including bonds for openings and the damp course.
- Mix mortar by hand or with a mechanical mixer.
- Lay bricks to set dimensions and apply mortar with a trowel to completion.

- Shape and trim bricks/blocks using hammers, chisels and power tools.
- Use of laser levels, spirit levels, optical levels and string lines to check that courses are straight, horizontally and vertically, and laid to a gauge.
- Ensure thermal qualities, airtightness and ventilation are maintained.
- Remove waste materials.
- Repair and renew masonry structures.

Radial and battered brickwork

- Set out and build brickwork, including simple arches and surrounding brickwork.

Feature and reinforced brickwork

- Set out and build brickwork, including common decorative features such as oversailing courses and simple corbels.

Other brickwork

- Block laying.
- Cavity walling to include openings, brick inspection chambers, joint finishes, set out a square, set out to a gauge rod and/or profile.

Building technology

- Select materials and resources to be able to set out and lay concrete, drainage and other substructure materials.

BEHAVIOURS

Positive and mature attitude

- Conscientious, punctual, enthusiastic, reliable and professional including appearance.
- Take responsibility for personal judgements and actions.
- Be aware of the limits of personal competence.
- Show drive and energy in fulfilling requirements of role, including deadlines and being proactive not reactive.
- Show honesty and integrity by developing the trust of customers and colleagues and undertaking responsibilities in an ethical and empathetic manner.
- Demonstrate awareness of equality and diversity in all aspects of role.

Quality focused

- Be reliable, productive, efficient and quality focussed in work and in personal standards to current industrial standards.
- Awareness and consideration of other trades e.g. build walls in a way that allows for pipes and electrical wiring.
- Keep work area clean and tidy.
- Provide good customer service.
- Give consideration to the appropriate use of resources and personal actions in regards to environmental, social and economic factors and their impacts.

Effective communication

- Oral (including listening), written, body language and presentation.

- Collaborate with others, e.g. colleagues, clients, architects, contract managers, other trades, clients, suppliers and the public regardless of differences in race, gender, sexual orientation, or other characteristics.

Self-motivated learner

- Identify personal development needs and take action to meet those needs.
- Keep up-to-date with best practice and new technology.
- Show initiative to independently complete work and solve problems by seeking out critical information.

Assessment

Before a candidate is offered a place on the Bricklaying Apprenticeship, both the candidate and the employer will be assessed to make sure they're suitable to undertake the apprenticeship. The apprentice will need to meet academic entry requirements and the employer must be able to offer the apprentice the range of work required to enable the candidate to gather sufficient evidence throughout the course.

Once accepted onto the course, the apprentice will attend college on a Friday to study Practical training, theory work, undertake reviews, update their portfolio and record their 'Off the job Training'. The apprentices will also attend several block weeks for their practical training. The Apprentice will attend College for 65 days per year.

The apprentice will be assessed by a work-based assessor through practical work with their employer and at college.

Review of progress and growth targets will be set every 4 – 10 weeks, depending on individual needs.

A full delivery plan will be provided when the apprentice starts on the programme.

End Point Assessment

During their time on-programme, the apprentice will build a portfolio of evidence of their work and their knowledge. The assessor and employer will help the apprentice to create a 'Showcase portfolio' which will be used by an Independent End-Point Assessor during the End-Point Assessment.

The Final Assessment forms a large part of the assessment of the apprenticeship and will be delivered by a 3rd party independent assessor.

End-Point Assessment includes:

- An Online Knowledge Test (45 Questions / 60 Minutes)
- A Skills test in an unfamiliar location (6 Hours)
- Oral Questioning related to the learners Showcase Portfolio (60 Minutes)

Qualification

On completion of this Apprenticeship, the apprentice will have satisfied the requirements to obtain a Construction Skills Certification Scheme (CSCS) Card at the appropriate level.

Progression

The bricklaying apprenticeship will qualify apprentices to a good standard which will enable them to work independently as a Bricklayer. Apprentices could also move onto Level 3 qualifications in Site Management or other office-based roles in the construction industry.

Fees

As an Apprentice, you will pay no course fees. However, your employer may have to pay towards your training as well as providing you with a wage. All Apprentices must receive a minimum wage of £4.30 per hour within their first year of training from their employer, although they can, and often do, pay more. In the second and subsequent years of an Apprenticeship programme, the national minimum wage for your age would apply.

If you are an employer and want to find out more information regarding employer contributions and any further costs related to the Apprenticeship programme, please contact our dedicated Apprenticeship team at employers@lincolncollege.ac.uk

Business Benefits

Employers have designed the Apprenticeship Standards to meet the needs of the sector and industry. Ensuring they include:

- Relevant Knowledge, skills and behaviours ensure that the Standard is relevant to the occupation.
- Widening participation Apprenticeship standards provide opportunities to employees that may not previously have been available.
- Development tools A cost effective way to train your employees to undertake specific roles in your business.
- Return on Investment On average, an apprentice who has completed their course will increase business productivity by £214 per week (CEBR, 2015).

Key Contacts

For further information or to arrange a face to face visit, please contact a member of the Construction Apprenticeships team using the details below;

Erika Stainton
Apprenticeship Co-ordinator (Construction)
estainton@lincolncollege.ac.uk
07966 232578

Jon Cotton
Learning & Skills Lead (Construction)
jcotton@lincolncollege.ac.uk
07580 201418