

BRICKLAYER

Bricklaying is a core function within the construction sector, particularly the house building sector. The Government has a target to build significantly more new homes over the coming years and therefore the demand for bricklayers has never been higher.

Bricklayers 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.

Course Overview

CORE KNOWLEDGE, SKILLS AND BEHAVIOUR REQUIREMENTS

Skills

Preparation of materials: Determine quality and quantities of building material including mix ratios of mortar and concrete.

Safe working: Adhere to relevant health and safety legislation, codes of practice and apply safe working practices, including when working at heights.

Working area: Select appropriate tools, equipment and materials for use when setting out and erecting masonry walling.

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.

Using different levels: 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.

Radial and battered brickwork: Set out and build brickwork, including simple arches and surrounding brickwork.

Course code
AS2 Brick

Award on successful completion
Bricklayer level 2 Standard

Study type
Day Release

Block Release for Maths & English if required

Level
2

Start date
November 24

Duration
30 months

Fees
£13,000. Funded by government 16-21, 22+ 5% employer contribution unless levy

Location
Malvern or Redditch Campus

APPRENTICESHIP STANDARDS

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 profiles.

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

Knowledge

Health and safety: Health and safety hazards, current regulations and legislation including COSHH/risk assessments and understanding the importance of method statements.

Customer service: The principles of high quality customer service. Establishing the needs of others (colleagues, customers and other stakeholders).

Communication: Different communication methods. How to communicate in a clear, articulate and appropriate manner.

Buildings: Different eras, types of construction methods, insulation considerations, sustainability, facilities management, fire, moisture and air protection.

Energy efficiency: The importance and considerations of thermal qualities, airtightness and ventilation to buildings.

Materials: Types of materials, their uses and their value.

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.

Behaviours

Positive and mature attitude: Conscientious, punctual, enthusiastic, reliable and professional including appearance.

Quality focused: Be reliable, productive, efficient and quality focussed in work and in personal standards to current industrial standards.

Effective communication: Oral (including listening), written, body language and presentation.

Self-motivated learner: Identify personal development needs and take action to meet those needs.

Entry requirements

Maths & English GCSE Grade 3 or above is required for this apprenticeship.

End Point Assessment

The End Point Assessment (EPA) can only be triggered after 12 months of starting the apprenticeship and is dependent on when the employer and training provider decide the apprentice is ready. EPA is typically expected to conclude within 3 months. The employer has the final decision to progress the apprentice to EPA. The apprentice and training provider should feel confident the learning outcomes have been achieved. Prior to EPA the apprentice will need to sit a Knowledge Test of multiple choice questions.

The EPA consists of three elements, all of which may be completed online. All assessment methods need to be passed. Each assessment method should directly assess the knowledge, skills and behaviours of the Standard. The assessor has the final decision.

The three elements are:

- Portfolio of Evidence
- Professional discussion based on portfolio
- Practical demonstration

Assessment area	Assessed by	Grading	Overall grade weighting
Knowledge Test Knowledge	EPAO	Pass / Merit / Distinction / Fail	30%
Skills Test Skills / knowledge / behaviours	IEPA on behalf of EPAO	Pass / Merit / Distinction / Fail	60%
Oral Questioning Knowledge / behaviour	IEPA on behalf of EPAO (provider and employer representative may be in attendance)	Pass / Merit / Distinction / Fail	10%