

CARPENTRY AND JOINERY

The occupation involves carrying out skilled work, primarily using timber products, either on a construction site, or in a workshop, creating and installing building components. This is a core and options apprenticeship, with two pathways:

 Level 2

 18 Months

 £12,000

Pathway 1: A Site Carpenter will normally work on a building site, or in domestic and commercial premises, preparing and fixing building components, from the initial erection of a new building, through to the installation of all necessary fixtures and fittings, as well as a range of repair and maintenance activities.

Pathway 2: An Architectural Joiner will normally be employed in a workshop producing timber based building components and other architectural products, such as doors, windows, units and staircases, which are then transported to construction sites to be installed by site carpenters.

Qualifications

Apprentices must achieve a Level 2 National Vocational Qualification (NVQ) to demonstrate competency in their chosen occupation.

Pathway 1: NVQ Level 2 Diploma in Wood Occupations – Site Carpentry

Pathway 2: NVQ Level 2 Diploma in Wood Occupations – Architectural Joinery

Apprentices must complete, or have previously completed recognised English and mathematics Level 1 qualifications and aspire to achieve English and mathematics Level 2 qualifications during the apprenticeship.

Assessment will take place both during and at the end of the apprenticeship, with completion being dependent on successful achievement of the qualification elements and the endorsement of the employer after a professional discussion, with the apprentice and training provider.

Delivery method

Various delivery models available to suit your needs. For any enquiries, or to book an appointment with our training consultants, please contact us at solutions@howcollege.ac.uk.

What apprentices will learn

Core Skills and Competencies

- Work safely and be aware of key health, safety and welfare issues.
- Plan and carry out their work to commercial standards of quality and speed.
- Move, handle and store resources, such as materials and timber components, complying with relevant legislation & guidance.
- Interpret and follow verbal and written work instructions from trade supervisors and site managers.
- Select the required materials to carry out the work, such as correct timber, tools and fixings.
- Access, interpret and use drawings and specifications to carry out their work.

Knowledge (both pathways)

- Understand the principles of health, safety and welfare and how these are applied in the workplace.
- Understand how to communicate with others and comply with instructions and directions.
- Understand the different techniques and methods used to move, handle and store materials.
- Understand how to interpret and use relevant product information and specifications.
- Understand their responsibilities under current employment and safety legislation, such as The Health & Safety at Work Act.
- Understand how to calculate quantity, length, area and wastage of resources.
- Understand the needs of other workers and how to work effectively with others.
- Understand the characteristics, quality, uses, sustainability, limitations and defects associated with timber and timber-based products and components, such as hardwood, softwood, MDF and other materials.

Carpentry Knowledge

- Understand the technical principles of site carpentry work and how these are applied to prepare and fix timber and timber-based products, erect inclined roofs, maintain and repair building components.
- Understand how to form specific joints required for site carpentry work, such as mitres, butt and halving joints.
- Understand why, when and how health and safety control equipment should be used when undertaking site carpentry work (e.g. personal protective equipment (PPE) and respiratory protective equipment (RPE)).
- Understand how to work safely at height and use access equipment correctly.
- Know how to use, maintain and store hand tools, power tools and associated equipment.

What apprentices will learn

Joiner Knowledge

- Understand the technical principles of architectural joinery and how they are applied in routine tasks, such as, setting out and producing cutting lists, marking out from setting out details and producing cutting lists, fitting and assembling routine products.
- Understand how to accurately take site and workplace dimensions.
- Understand how to form and proportion joints associated with architectural joinery work, such as mortice and tenon, dovetail and comb joints.
- Understand why, when and how health and safety control equipment should be used when undertaking architectural joinery work (e.g. personal protective equipment (PPE) and respiratory protective equipment (RPE)).
- Understand how to use, maintain and store marking and testing tools, hand tools, power tools and associated equipment.
- Understand how to requisition architectural joinery materials, such as timber, adhesives and fixings.
- Understand how to work at height and use access equipment safely.

Carpentry Skill

- Carry out a range of job tasks including measuring, marking out, fitting, cutting, splicing, finishing, positioning and securing.
- Install door and window frames, door and hatch linings, floor joist coverings, straight partitions and straight staircases.
- Install doors, ironmongery, service encasements, wall and floor units and fittings, cladding and staircase components.
- Erect inclined roofs with gables, joists, roof coverings and roof components.
- Repair or replace frames, mouldings, doors, windows, door and window ironmongery, roofing components, guttering and downpipes and window components.
- Use, maintain and store hand tools, power tools and associated equipment.

Joiner Knowledge

- Understand the technical principles of architectural joinery and how they are applied in routine tasks, such as, setting out and producing cutting lists, marking out from setting out details and producing cutting lists, fitting and assembling routine products.
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APPRENTICESHIP STANDARDS

What apprentices will learn

Behaviours (both pathways)

Effective communication	Oral, written, listening, body language, presentation.
Effective team working	Work effectively with others with limited supervision.
Independent working	Take responsibility for completing their own work.
Logical thinking	Use clear and valid reasoning when making decisions.
Working effectively	Undertake the work in a reliable and productive manner.
Time management	Use own time effectively to complete the work on schedule.
Adaptability	Be able to adjust to changes to work instructions.

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.

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.



Knowledge Test

The apprentice undertakes a multi-choice test to last a maximum of 60 minutes and include 50 equally weighted multi-choice questions with four possible answers each. The assessment should typically be passed before the apprentice progresses to the interview and presentation. The test is to be completed online and requires invigilating.



Portfolio-based Interview

The interview is for 30-45 minutes and scored out of 100 by the Independent Endpoint Assessment Organisation. The interview assesses:

- Understanding of the portfolio to validate competence shown.
- Self-reflection of performance, demonstrating knowledge and how appropriate skills and behaviours have been applied.
- Judgement and understanding to explain appropriate examples.



Project Presentation:

The apprentice delivers a presentation to the EPAO on a project they have completed or a process they have improved. The presentation lasts 10-15 minutes, with a further 10-15 minutes for a Q&A session. The presentation is out of 100. The project is completed from month 9 of the apprenticeship and should be completed prior to EPA being triggered. The project is submitted to the EPAO and they provide a question to answer in the presentation, for example:

- How have you improved a process or operating practice?
- What were the steps you took to implement the project?
- What worked well and how would you improve the results in future?