

## **Carpentry & Joinery Apprenticeship Level 2**

Study Mode: Full Time, Work Based Learning

### **Is this course right for me?**

Working as a carpenter and joiner involves carrying out skilled work, primarily using timber products, either on a construction site, or in a workshop, creating and installing building components.

This apprenticeship has two pathways with a set of core skills and competencies, as well as additional skills and knowledge pertinent to the route chosen.

#### **Pathway 1 - Site Carpenter**

A site carpenter will usually 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: Architectural Joiner**

An architectural joiner will usually 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.

### **Entry Requirements**

Determined by employer

## **What will I learn?**

### **CORE KNOWLEDGE, SKILLS AND BEHAVIOUR REQUIREMENTS**

#### **KNOWLEDGE** (both pathways)

On completion of this apprenticeship, carpentry and joinery workers will have the following core knowledge to understand:

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

In addition, apprentices will acquire specific knowledge for their chosen pathway to give them an understanding of:

#### **Pathway 1 -Site Carpenter**

- 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
- How to form specific joints required for site carpentry work, such as mitres, butt and halving joints
- 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))
- How to work safely at height and use access equipment correctly
- How to use, maintain and store hand tools, power tools and associated equipment

#### **Pathway 2 - Architectural Joiner**

- 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

How to accurately take site and workplace dimensions

- How to form and proportion joints associated with architectural joinery work, such as mortice and tenon, dovetail and comb joints
- 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))
- How to use, maintain and store marking and testing tools, hand tools, power tools and associated equipment.
- How to requisition architectural joinery materials, such as timber, adhesives and fixings
- How to work at height and use access equipment safely

## **SKILLS**

On completion of this apprenticeship, carpentry and joinery workers will have developed skills to enable them to:

- 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

In addition, apprentices will acquire specific occupational skills for their chosen pathway to enable them to:

### **Pathway 1 - Site Carpentry**

- 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 fitments, 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

## Pathway 2 - Architectural Joiner

- Carry out a range of job tasks including drawing, measuring, marking out, fitting, finishing, positioning and securing
- Produce setting out details for the manufacture of doors, windows and opening lights, units and stairs
- Mark out timber from setting out details for the manufacture of doors, windows and opening lights, units and/or fitments and staircases.
- Create, fit and assemble components to manufacture doors, windows with opening lights, units and/or fitments and staircases
- Use, maintain and store specific architectural joinery tools and equipment, such as marking and testing tools, power tools and hand tools

### BEHAVIOUR

Carpentry and joinery workers will be expected to demonstrate the following behaviours:

**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

## What skills will I gain?

### How will I be assessed?

Throughout the programme the apprentice will receive expert training from highly qualified staff.

A qualified assessor will provide an induction and regular workplace assessments.

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.

## What can I do next?

On completion of this standard, some apprentices may progress onto the Advanced Apprenticeship Standard in Carpentry and Joinery, or secure employment as a site carpenter or architectural joiner.

## Delivery

**Location:**

**Start Date:**

**Day:**

**Time:**

**Course Fee:**

**Course Code:** AP0093

**Study Mode:** Full Time, Work Based Learning

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