

Advanced Carpentry Level 3 Apprenticeship

This occupation is found in both the new build and refurbishment construction sector. The construction industry is central to creating the homes, schools, hospitals, energy and transport infrastructure society needs. There is growing demand for carpenters and joiners to help meet the need for new homes.

Expected course duration

18 months

College attendance

Bedford College – Block release 2 weeks

Tresham College Corby Campus – Day release

College Day Release intakes

September and January

However, you will be able to start the work based learning element at any time throughout the year.

When can the apprentice start employment?

When offered job role and start date agreed with employer.

When can the apprenticeship training start?

As soon as Apprentice starts employment. Arrangements will be made to start apprenticeship and college delivery.

Course Content

- The principles of environment, health, safety and welfare and how they must be applied in relation to their work and to others. eg electrical safety, storage of materials, accident & emergency procedures.
- How to communicate and work with others effectively in the workplace.
- 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.
- The different energy efficiency and sustainable materials for construction.
- Advanced Site Carpenter (ASC) the different types of fixings and fasteners for site carpentry work including their uses.
- How to form advanced woodworking joints including the resources required and how to mark out and form advanced woodworking joints.

- How to form products using advanced woodworking joints including splayed and level (horizontal and vertical) joints.
- How to carry out complex first fixing work including how to install complex and non-standard timber frames, linings, floor coverings, flat roof decking, flights of stairs with turns and handrails and how to erect timber stud partitions.
- How to carry out complex second fixing work including how to install service encasements, cladding, bespoke wall and floor units and fitments, side hung doors, ironmongery, timber mouldings, handrails and spindles to stairs with turns.
- How to carry out complex structural carcassing work including how to erect trussed rafter, how to fix verge and eave components, how to install floor joists, how to fit and fix joist coverings, how to form dormer windows to roofs and how to construct traditional cut roofs with hips and valleys.
- Advanced Architectural Joiner (AAJ): the characteristics, quality, uses and limitations of relevant materials including timber, glass, laminates, finishing's (paint, stains, lacquers).
- The different defects associated with relevant raw materials, the different types of ironmongery products associated with architectural joinery including locks, handles etc.
- Component performance requirements including the U-value and security requirements for doors and windows in accordance with current building and CE marking regulations, the requirements for fire doors in accordance with current building regulations, the requirements for stairs in accordance with current building regulations.
- Advanced architectural joinery technology including the purpose and capabilities of software programmes used for architectural joinery work, how to use CAD to produce drawings and the process for programming, setting up and operating.
- Fire door safety course.

Entry requirements

English & Maths

Apprentices without level 2 English and maths will need to achieve this level prior to taking the End-Point Assessment. For those with an education, health and care plan or a legacy statement, the apprenticeship's English and maths minimum requirement is Entry Level 3. A British Sign Language (BSL) qualification is an alternative to the English qualification for those whose primary language is BSL.

What training is required in the workplace?

- Learning a variety of skills to enable the apprentice to be able to develop and complete their Apprenticeship and EPA
- 20% off the job training
- College attendance

- Regular 10/12/week Meetings with Training Coordinator and Apprentice to discuss progress and set SMART targets throughout apprenticeships

Further study and career options

Career progression:

On completion of this standard, apprentice will progress to a wide range of employment opportunities, or move onto full or part-time further education. The achievement of this standard will meet the requirement of the Construction Skills Certification Scheme (CSCS) 'Advanced Skilled Worker' standard, which is widely recognised as a 'licence to operate' in a skilled construction trade.

Additional information

You will need:

- Safety boots
- High vise
- Tools (optional to bring into college)

Campuses

Study is available at the following campuses:

- Bedford College
- Tresham College Corby Campus
- Tresham College Wellingborough Campus

For more information, please visit here:

<https://www.instituteforapprenticeships.org/apprenticeship-standards/advanced-carpentry-and-joinery-v1-1>