L3 APPRENTICESHIP
ADVANCED CARPENTRY & JOINERY (ARCHITECTURAL JOINERY)

Overview

This occupation involves carrying out advanced skilled joinery work, primarily using timber products, either on a construction site, or in a workshop, creating and installing building components. The advanced carpenter and joiner is able to undertake complex tasks, requiring high levels of practical skills and knowledge, in addition to managing their own work and leading small teams.

KEY INFORMATION

Typical Duration:
15 months + 3 months EPA

Taught Days:
One day every week term time only

Delivery Location:
Penwith (Penzance)

Funding value:
£9,000

(£450 employer contribution if required)

Entry requirements*

GCSE Grade 3 (D) or above in Maths and English

Who is the course for?

An Advanced Architectural Joiner will normally be employed in a workshop, producing complex building components by setting out, marking out and manufacturing bespoke architectural products (e.g. doors, windows, staircases with turns and panelling/cladding).

Programme content

Knowledge

- → Understand, in more detail, the key aspects of health, safety and welfare good practice and how to apply these to create a safe and healthy working environment.
- → Understand how to plan and carry out work effectively, taking into account complex environmental and task related challenges.
- → Understand how to develop and maintain excellent working relationships with others.
- → Understand how to access data needed to plan and execute work tasks accurately, including an understanding of Building Information Modelling (BIM.) and its impact on construction projects.
- → Understand their broader responsibilities under current legislation and guidance in undertaking construction work.
- → Understand the importance of team working and being prepared to take a lead.
- → Understand the technical principles of advanced architectural joinery, using this knowledge to set out and produce cutting lists for complex and non-standard products, marking, manufacturing, fitting and assembling complex, non-standard products.
- → Understand how to take complex site and workplace dimensions, such as measuring curved openings and ensuring that units fit obtuse/acute angled walls.
- → Understand how to form and proportion advanced carpentry and joinery joints associated with complex architectural joinery work, such as stubbed rebate joints, stub mortice and tenon joints and bridle joints.
- → Understand how to set up, use and maintain fixed machinery used for complex joinery tasks, such as developing and using specialist jigs to manufacture curved timber products.

Skills

- → Work safely and pro-actively in the application of good health and safety practice in their work area, to protect self and others.
- → Be prepared to take a lead when working in a team, especially when complex or non-standard work is involved.
- → Understand the programme and work schedule for their work area and plan their work accordingly.
- → Develop and maintain good working relationships with managers, supervisors and work colleagues.
- → Determine the best way of carrying out the work and ensure this is communicated clearly to colleagues.
- → Interpret technical specifications and ensure compliance with legislation/guidance relevant to the work being done.
- → Select the required quantity and quality of resources required for carrying out complex and non-standard work, including timber, tools and fixings.
- → Utilise advanced trade skills to carry out complex architectural joinery work to a high standard and to demanding tolerances.
- → Set out complex work tasks for non-standard architectural joinery products, including complex door sets, doors, windows, units and fitments, staircases (straight and with turns) and products with single/double curvature features.
- → Mark out accurately from setting out details for the manufacture of complex doors, opening windows, units and fitments and staircases.
- → Manufacture complex and non-standard architectural joinery products including doors, windows with opening lights, units and fitments, panelling/cladding, staircases (straight and with turns) and veneers.
- → Use maintain and store marking and testing tools, hand tools, power tools and associated equipment required for advanced work.
- → Set up and use fixed machinery such as circular saws, planers, thicknessers, bandsaws, mortices, tenoners, spindle moulders, drills, grinders and sanders.

Behaviours

- → **Effective communication:**
  Oral, written, listening, body language, presentation – especially in working with others.
- → **Teamwork:**
  Work effectively without supervision and give leadership to others – being willing to lead a team.
- → **Independent working:**
  Take responsibility for completing own work and monitoring the work of others.
- → **Logical thinking:**
  Use clear and valid reasoning when making decisions and in achieving work goals with others.
- → **Working effectively:**
  Undertake the work in a reliable and productive manner, lead others by example.
- → **Time management:**
  Use own time effectively to complete work on schedule and support effective team working.
- → **Adaptability:**
  Be able to implement change and adjust existing requirements to meet the work instructions.

Gateway

The employer in consultation with the training provider will make the judgement as to whether the apprentice is ready for end-point assessment through the achievement of the following: Level 3 National Vocational Qualification (NVQ) in Site Carpentry or Architectural Joinery. A recognised Level 2 English and Mathematics qualification.

On conclusion that the assessment gateway requirements have been achieved, the apprentice will be able to proceed to the end-point assessment stage of the apprenticeship. It is expected that apprentices will complete the assessment gateway requirements within three months of their planned apprenticeship completion

End point assessment

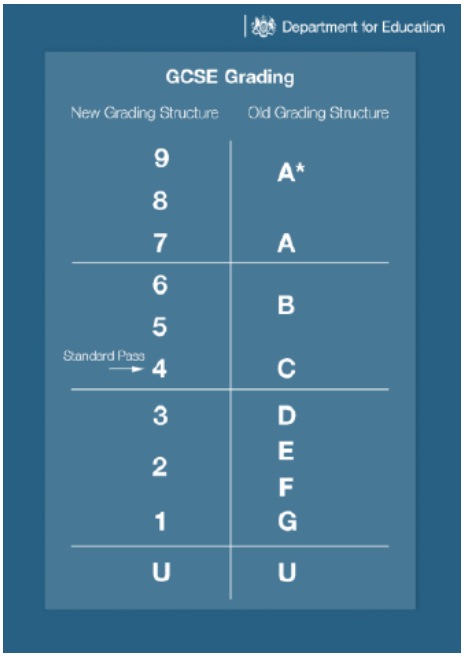
EPA methods

➜ Knowledge Test
➜ Practical Assessment

Contact information

For further information, please call our Business Relations Team on 01872 242711 or email apprenticeships@truro-penwith.ac.uk

***** A guide to GCSE grading and Functional Skills



Functional Skills are equivalent to GCSE's, the table below shows the comparison	
Entry Level 1	GCSE below G or Level 1
Level 1	GCSE D-G or level 1-3
Level 2	GCSE A*- C or level 4-9