

<b>Course Title:</b>	<b>Construction Crafts</b>
<b>Level:</b>	National 4
<b>Start Date:</b>	May 2015
<b>End Date:</b>	May 2016

### Units to be completed:

<b>Mandatory Units:</b>	<b>Optional Units:</b>
Employability Skills	Brickwork Techniques
Half Brick Walling	Carpentry and Joinery Techniques
Decorative Painting	Decorative Finishing Using Water-borne Paints
Site Carpentry and Bench Joinery	Roof Tiling
Plumbing	

### Progression Pathways:

- Skills for Work National 5 - Construction Crafts
- Introduction to Construction (Group Award NPA in Construction)
- NC Building

### Course Description:

The course contains practical Construction Crafts Units in five important construction trades. It is especially suitable for pupils with an aptitude for and an interest in practical crafts work. Pupils will learn a variety of skills in the trades-specific units. In addition, they will develop skills and attitudes that enhance employability, not just in the construction industry, but in employment generally.

In the mandatory section, the Employability Skills Unit addresses a number of practical and employability skills which can be practised and developed across all the units in the course. The four other units in the mandatory section cover specific construction crafts. These crafts-specific units are in trades with high levels of identified skill shortages. Furthermore, they represent skills areas which are readily resourced in centres offering construction courses.

The optional section offers the opportunity to learn skills in three of the four trades. They represent skills areas which are readily resourced in most centres offering construction courses. In the optional section, pupils can take units in the same trades as the mandatory section, further developing their skills in these specific trades.

Alternatively, they can take units in different trades, granting them the opportunity to experience a wider variety of construction crafts.

**Unit Contents:**

<b>Unit</b>	<b>Description</b>
<b>Employability Skills</b>	Pupils are required to develop work practices and attitudes that enhance their employability. They will have opportunities to review the skills they have developed. They will also develop skills in measurement and interpretation of drawings.
<b>Half Brick Walling</b>	Pupils are required to set out and build short sections of half-brick thick wall in accordance with given drawings and to prescribed tolerances.
<b>Decorative Painting</b>	Pupils will carry out work with decorative finishes involving the use of brushes and rollers as well as stencilling.
<b>Site Carpentry and Bench Joinery</b>	Pupils are required to carry out small-scale tasks in both first-fix and second-fix joinery. They will learn skills in measurement, cutting and fixing of timbers and sheet materials.
<b>Plumbing</b>	Pupils are required to cut, assemble and join plastic pipework in accordance with given drawings using proprietary bends and tee-pieces.
<b>Brickwork Techniques</b>	Pupils are required to set out and build extended sections of half -brick thick wall. This extended work will require the use of builders' line. Once again, the work will be carried out in accordance with given drawings and to prescribed tolerances.
<b>Carpentry and Joinery Techniques</b>	Pupils are required to erect a small-scale framed and panelled assembly and to fabricate and replace one panel to carefully match existing.
<b>Decorative Finishing Using Water-borne Paints</b>	Pupils are required to carry out additional paintwork tasks with purely water-borne paints. This will include a proprietary two-coat system.
<b>Roof Tiling</b>	Pupils are required to complete a small-scale exercise in single lap roofing tiling to correct gauge and lap.

**Assessment Method**

Assessment in this course is continuous within each subject and the candidates build up a personal folder as they move from craft area to craft area. The assessment of the candidates work is a combination of self-review, peer review and assessor review which are recorded by observation checklists and review sheets. The review sheets are completed at the end of each craft subject.