



# Apprenticeships from the National Construction College

**TRAINING FROM THE LARGEST CONSTRUCTION TRAINING PROVIDER IN EUROPE**



**National Construction College**

The training division of  construction skills



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## Lots more courses online

This guide includes all of the apprenticeship courses we offer. For the full range of our other courses, visit [www.cskills.org/coursebooker](http://www.cskills.org/coursebooker)

## Training the next generation your way

Apprentices represent the future – both for individual companies and for the construction industry as a whole.

The National Construction College is working hard to provide the highest standard of training for apprentices.

There's no better way to bring in the skills that help secure new contracts for your business.

### Why train with the National Construction College?

Apprentices trained at the National Construction College benefit from industry-focused training, access to funding, real-life site-based facilities and extensive support. That's why National Construction College apprentices are business assets, right from the start.

- Every year, up to 30,000 people from companies like yours are enjoying the benefits of training with the National Construction College
- Unique construction facilities simulate real on-site situations
- Courses are designed with industry (drawing on relationships with employers and industry stakeholders)

- All of our courses are delivered to Matrix Standard and Training Quality Standard
- We have been awarded the Five Star award for Business Excellence from the British Quality Foundation
- We have the highest health and safety awards including the Sword of Honour (the British Safety Council's highest award)
- We have four locations from which we deliver our apprenticeship programme – National Construction College East, South, the Midlands and Scotland
- We offer more support – with Apprenticeships Officers helping with paperwork and grant applications
- A wide range of grants are available
- We can assist with travel costs at the start and finish of college block periods plus accommodation and food
- Our apprentices help you towards a fully qualified and carded workforce
- Our teaching is provided by knowledgeable, industry-focused instructors – 73% of our customers rate us as 'excellent'

N.B. Level 1 Functional Skills is not applicable to Scotland. The learner will also complete an SVQ in place of the NVQ Diploma

**Call to arrange an appointment today on 0344 994 4044**  
quoting BS10 NA **or visit [www.cskills.org/asset](http://www.cskills.org/asset)**

## Civil Engineering Technician

### Who?

People who wish to start a career in the civil engineering or construction industries and progress to supervisory and management positions, or to gain further qualifications via college or university.

### Why?

The course has been designed in close consultation with industry and aims to prepare apprentices to become responsible and skilled workers within civil engineering.

A civil engineering technician's key function is as the link between engineers, the management team and operatives on a construction site. The apprenticeship will provide the skills needed in the role for setting out, quality control and checking and reporting on progress.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting

- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Safe working practices in construction
- Managing excavation, plant and piling
- Laying domestic and large diameter drainage
- Levelling and setting out
- Information, quantities and communicating with others
- Building methods and construction technology
- Mathematics for civil engineers
- Carrying out pre-pour inspection and testing of concrete
- Planning and design process and environmental considerations

#### The apprentice will gain qualifications/certification in:

- Level 3 Construction Diploma in Civil Engineering
- Level 3 NVQ Diploma in Construction Contracting Operations
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

## Why NCC?

National Construction College delivers apprenticeships across a number of trades throughout the UK

## factfile

**80%** of those employers who employ apprentices agree they make their workplace more productive

[www.apprenticeships.org.uk](http://www.apprenticeships.org.uk)

## Entry requirements

Minimum of four GCSEs at grades A\* - C or equivalent (to include maths, a science subject and English). All candidates will be required to complete a Skills Learning exercise and to attend the college to complete a maths test.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLA on-line multiple choice assessment test

## Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include a Foundation Degree, HND or Civil Engineering Degree.

**YEAR 1 – 23 weeks**

**YEAR 2 – 10 weeks**

**YEAR 3 – Employer-based work experience with assessment for the Level 3 NVQ Diploma in Construction Contracting Operations, carried out by the National Construction College**

For course locations and dates, please turn to pages 42-43

“We have a couple of people within the business who’ve really developed extra confidence through training”

Caroline Newberry,  
Brookside Construction



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## Formwork

### Who?

People who wish to start a career in the construction industry and gain a specialised trade as a formworker.

### Why?

The course has been designed in close consultation with industry to provide a sound working knowledge of a wide variety of skills that will prepare the apprentices to work competently on site.

Formwork is an essential component of the reinforced concrete construction process. It is the term given to either temporary or permanent moulds into which concrete or similar materials are poured to form the structural elements required to complete a structure. This apprenticeship will provide the necessary skills to fabricate, set out and erect formwork structures using a range of materials and proprietary systems in the construction site environment.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid
- Safe use of plant and tools

### Practical training

- Interpreting diagrams and technical drawings
- Principles of setting out
- Fabricate and repair – wooden and system formwork
- Erect and strike – wooden and system formwork
- Erect and strike – crane handled formwork
- Banksman (slinger/signaller)
- Concrete (mixes, volumes and placing)

#### Construction Diploma

The course includes apprentice training in Construction Technology. This provides apprentices with a wider base of both skills and knowledge of the construction industry and will include training in:

- Interpreting information
- Estimating resources
- Basic building methods
- Building elements
- Building materials

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Formwork
- Level 2 NVQ Diploma in Formwork Occupations
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## Why NCC?

**National Construction College provides teaching from industry-focused instructors**

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLA on-line multiple choice assessment test

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within the formwork sector. Further qualifications include Level 3 NVQ Diploma in Formwork and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 1 x 5 week block  
2 x 4 week blocks**

**YEAR 2 – 3 x 4 week blocks**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43

“Young people have given the company an injection of new blood. A former ConstructionSkills apprentice proved to be valuable to 3C”

Melissa Clutton, 3C



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## General Construction

### Who?

Motivated people who wish to start their career in the construction industry.

### Why?

To become a skilled worker in the field of construction.

This course has been designed in consultation with the industry and covers subjects that are essential to today's construction sites. A general construction operative needs to have a good understanding of the construction/civil engineering process. This includes knowledge of setting out groundworks for drainage, kerb laying and paving. Apprentices must also be able to understand and carry out all aspects of concreting from the testing of fresh concrete to the laying and finishing.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness

- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid
- Safe use of small plant

#### Practical training

- Installing drainage and service ducts
- Basic concreting
- Erecting and dismantling a basic working platform
- Setting out

#### Construction Diploma

The course includes apprentice training in Construction Technology. This provides apprentices with a wider base of both skills and knowledge of the construction industry and will include training in:

- Interpreting information
- Estimating resources
- Basic building methods
- Building elements

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Construction Operations
- Level 2 NVQ Diploma in Construction Operations
- Level 1 Functional Skills
- Employment Responsibilities and Rights

## Why NCC?

**Our apprenticeship courses are designed in close consultation with some of the biggest employers in the construction industry**

## factfile

### One in five

**employers are hiring more apprentices to help them through the tough economic climate**

[www.apprenticeships.org.uk](http://www.apprenticeships.org.uk)

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

## Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

### YEAR 1 – 18 weeks

**YEAR 2 – Employer-based work experience with assessment for the Level 2 Construction Diploma in Construction Operations, carried out by the National Construction College**

For course locations and dates, please turn to pages 42-43



“We’ve got some bright young stars who really shine as a result of training”

Neil Taylor, General Manager, Drillcut Limited

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quoting BS10 NA **or visit [www.cskills.org/asset](http://www.cskills.org/asset)**

## Highway Maintenance

### Who?

People who wish to start a career in construction or civil engineering, specialising in highways.

### Why?

This course has been designed in consultation with industry to prepare apprentices to become skilled workers in this specialised field. It provides individuals with the skills to build, maintain and repair public highways and footpaths.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid
- Safe use of small plant

### Practical training

- Establishing work area protection
- Segregation of highway works
- Locating and protecting utilities in the highway
- Excavations
- Reinstatement of highways

#### Construction Diploma

The course includes apprentice training in Construction Technology. This area of training aims to provide apprentices with a wider base of both skills and knowledge of the construction industry and will include training in:

- Interpreting information
- Estimating resources
- Basic building methods
- Building elements
- Building materials

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Highway Maintenance
- Level 2 NVQ Diploma in Construction
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

## Why NCC?

**The majority of assessment is delivered through evidence of competence in the construction site environment**

## factfile

**80%** of employers believe that apprentices help reduce staff turnover  
[www.southessex.ac.uk](http://www.southessex.ac.uk)

## Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- The GOLLA on-line multiple choice assessment test

## Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include a Level 3 NVQ Diploma in Site Supervisory.

**The course is covered over a 2 year period with 26 weeks at college. The remainder of the time is spent with the employer on site, gaining experience; with assessment for the NVQ Diploma carried out by the National Construction College. Please contact us for further details.**

For course locations and dates, please turn to pages 42-43



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## Lightning Conductor Engineering

### Who?

People who have no fear of heights, who are interested in pursuing a career in this unique profession and are motivated to work hard to become valuable members of the lightning conductor workforce.

### Why?

The Lightning Conductor Engineering course aims to prepare apprentices to become responsible and skilled workers in the industry. Apprentices obtain a safe working knowledge of site access, bosun's seat and earthing, together with a practical appreciation of the skills and techniques that are required to work within the varied world of the lightning conductor engineer.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Preparing and storing processes
- Ladders and means of access
- Safety lines and anchors
- Bosun's seat
- Roof rigs
- Top anchors
- Commissioning

- Roof repairs
- Earthing
- Installations
- Small plant
- Underground cable avoidance
- Abrasive wheels
- Operating powered tools and equipment for routine and predictable requirements
- Installing components to the structural fabric (lightning conductor)
- Installing components to the structural fabric and built environment (electrical earthing and earthing cable systems)
- Positioning and removing specialised equipment for accessing
- Establishing rope access arrangements
- Establishing provision for fall arrest
- Locating and avoiding service apparatus and sub-structures
- Contributing to an efficient and effective work environment
- Contributing to health and safety in the workplace
- Commissioning installations for use (lightning conductor systems)
- Roof repairs
- Industrial Rope Access
- Mobile Elevating Working Platform
- New Roads and Street Works

#### The apprentice will gain qualifications/certification in:

- Level 2 NVQ Diploma in Accessing and Rigging Occupations – Lightning Conductor Engineer
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

#### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## Why NCC?

National Construction College apprentices are supported by Apprenticeships Officers who help with the paperwork

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Level 3 NVQ Diploma in Accessing and Rigging Occupations – Lightning Conductor Engineer, Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 12 weeks**

**YEAR 2 – 11 weeks**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43



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## Scaffolding

### Who?

Motivated people who wish to start a career in the scaffolding industry. Apprentices should have a good head for heights, and have a highly developed sense of responsibility.

### Why?

To provide training and assessment in the methods of erecting and dismantling both basic and complex scaffolds together with practical and theoretical knowledge to achieve the Scaffolding framework.

This course is part of the apprenticeships programme, and is approved under the Construction Industry Scaffolder's Record Scheme (CISRS). Within the training, apprentices will undertake the necessary elements to qualify for a Scaffolder's Card.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

Erecting and dismantling:

- Independent and putlog scaffolds using tube, fitting and system
- Tower and birdcage scaffolds
- Scaffolds with prefabricated beams
- Roof scaffolds

- Protective fans
- Pavement scaffolds
- Truss out scaffolds
- Loading bays

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Scaffolding
- Level 2 NVQ Diploma in Accessing and Rigging Occupations – Scaffolding
- The Construction Industry Scaffolder's Record Scheme (CISRS) Scaffolder's Registration Card
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

#### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

#### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)

## Why NCC?

At the National Construction College we have approved PASMA and CISRS centres and superb all-weather facilities to deliver our scaffolding training

## factfile

# Over 80%

of people are more likely to use a business if it offers apprenticeships to young people

National Apprenticeship Service

- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Advanced Scaffolding (CISRS) and Scaffolding Supervisor (CISRS).

**YEAR 1 – 3 x 2 week blocks**

**YEAR 2 – 2 x 2 week blocks  
1 x 1 week block**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43

“Clients are looking to recruit companies that offer an added value service, a well executed training culture and the employment of recently trained apprentices”

Jim Brown, Director, Fulwood Holdings



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quoting BS10 NA or visit [www.cskills.org/asset](http://www.cskills.org/asset)

## Steeplejacking

### Who?

People who have a healthy respect for heights, who are interested in pursuing a career in this unique profession and are motivated to work hard to become valuable members of the steeplejack workforce.

### Why?

The steeplejack industry has set up its own apprenticeship scheme for this specialist career. Apprentices obtain a safe working knowledge of laddering and means of access, together with a practical appreciation of the skills and techniques that are required to work within the varied world of the steeplejack.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

## Why NCC?

The National Construction College is the largest construction training provider in Europe

### Practical training

- Laddering and means of safe access
- Operating powered tools and equipment for routine and predictable requirements
- Providing surface finishing to the structural fabric (brickwork, concrete repairs and rendering)
- Establishing rope access arrangements
- Establishing provision for fall arrest
- Providing surface finishing (steeplejack painting)
- Carrying out slinging and signalling for the movement of loads
- Bosun's seat
- Power cradles
- Abrasive wheels
- Mobile towers (tubular scaffolding)

### The apprentice will gain qualifications/certification in:

- Level 2 NVQ Diploma in Accessing and Rigging Operations – Steeplejacking
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLA on-line multiple choice assessment test

## factfile

**77%** of employers feel that apprentices make their business more competitive  
[www.southessex.ac.uk](http://www.southessex.ac.uk)

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Advanced Steeplejacking, Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 5 x 4 week blocks**

**YEAR 2 – 7 weeks**

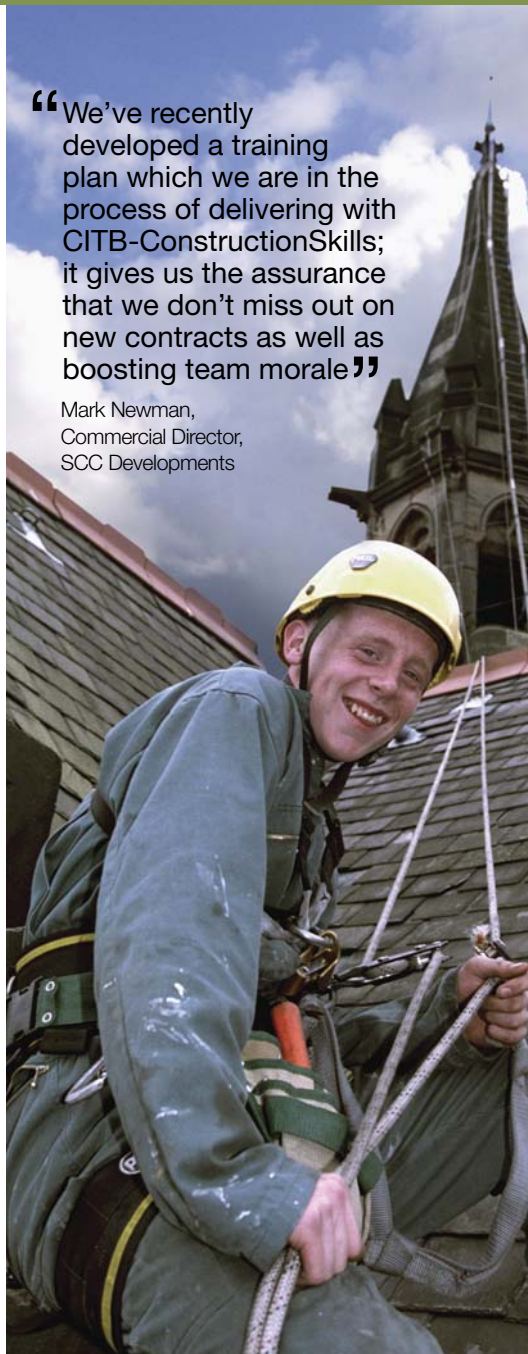
**YEAR 3 – 3 weeks**

Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge

For course locations and dates, please turn to pages 42-43

**“We've recently developed a training plan which we are in the process of delivering with CITB-ConstructionSkills; it gives us the assurance that we don't miss out on new contracts as well as boosting team morale”**

Mark Newman,  
Commercial Director,  
SCC Developments



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quoting BS10 NA or visit [www.cskills.org/asset](http://www.cskills.org/asset)

## Crane Operation

### Who?

People interested in pursuing a career as a crane operator in the construction industry and who are motivated to work hard, sometimes away from home, to become valuable members of the workforce.

### Why?

The Crane Operation course has been designed in close consultation with the crane industry and sets out to produce crane operators trained to operate a specific range of machines. They are also taught the duties and responsibilities of an Appointed Person, risk assessments and how to produce method statements. During training, apprentices learn how to safely and efficiently operate a variety of cranes in addition to learning basic maintenance and checks.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers

## Why NCC?

Apprenticeships at the National Construction College are supported by the ConstructionSkills grant of up to £9,000

- Fire fighting
- Safe use of ladders
- Manual handling
- First aid
- Appointed persons lifting operations

**Practical training** – any four of the following:

- Crawler Crane
- Tower Crane
- Truck-mounted Crane
- Lorry Loader
- Telescopic Handler
- Slinger/Signaller
- Crane erection

#### The apprentice will gain qualifications/certification in:

- Level 2 NVQ Diploma in Plant Operations (Construction)\*
- Level 2 Certificate in Plant Operations
- Construction Plant Competence Scheme (CPCS) Red Trained Operator's Card
- Level 1 Functional Skills
- Employment Responsibilities and Rights

\*The college assessment team will track apprentices on-site for the first category of plant as selected by the employer for conversion to the NVQ Diploma and the full CPCS Red Trained Operator's Card.

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)

## factfile

Around **30,000** young people start an apprenticeship in the UK each year. Almost a third of these are trained via CITB-ConstructionSkills' Apprenticeship Scheme  
[www.xcel.uk.net](http://www.xcel.uk.net)

- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

Assessment for additional NVQ Diploma categories are available through the National Construction College – details will be provided during attendance at college.

**YEAR 1 – 12 weeks training plus testing**

**YEAR 2 – Employer-based work experience with assessment for the Level 2 NVQ Diploma in Plant Operations, carried out by the National Construction College**

For course locations and dates, please turn to pages 42-43

“Part of this was training the best people to do the job; with the requisite skills we are as well placed as we can be to weather the storm”

Tony Costello,  
Head of Training,  
Bethell Group plc



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## Demolition Plant Operation

### Who?

People interested in pursuing a career in the demolition industry, who are motivated to work hard, sometimes away from home, to become valuable members of the workforce.

### Why?

This course has been designed in close consultation with the demolition industry. It sets out to offer demolition plant operatives an appreciation of all aspects of demolition.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Safety awareness as a demolition specification
- Introduction to the industry
- Hand tools
- Pneumatic tools
- Safety and maintenance – small plant and tools
- Oxyacetylene/propane cutting
- Abrasive wheels
- Working at heights – harnesses
- Scaffolding – practical and appreciation

- Fencing and temporary guarding
- Telescopic Handler
- Confined spaces
- Slinger/Signaller
- Forward Tipping Dumper
- Mobile Elevating Working Platforms scissor and boom
- Dumptruck
- Shoring and supporting structures
- 360° Hydraulic Excavator
- Skid Steer Loader
- Wheeled Loading Shovel
- Attachments

#### The apprentice will gain qualifications/certification in:

- Level 2 NVQ Diploma in Plant Operations (Construction)\*
- Level 2 Certificate in Plant Operations
- Construction Plant Competence Scheme (CPCS) Red Trained Operator's Card
- Level 1 Functional Skills
- Employment Responsibilities and Rights

\*The college assessment team will track apprentices on-site for the first category of plant as selected by the employer for conversion to the NVQ Diploma and the full CPCS Red Trained Operator's Card.

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

## Why NCC?

The National Construction College has the highest health and safety and quality accolades

# Why NCC?

**Real site conditions are replicated in a safe training environment**

## Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLA on-line multiple choice assessment test

## Where to next?

Assessment for additional NVQ Diploma categories are available through the National Construction College – details will be provided during attendance at college.

**YEAR 1 – 12 weeks training plus testing**

**YEAR 2 – Employer-based work experience with assessment for the Level 2 NVQ Diploma in Plant Operations, carried out by the National Construction College**

For course locations and dates, please turn to pages 42-43



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quoting BS10 NA **or visit [www.cskills.org/asset](http://www.cskills.org/asset)**

## Plant Maintenance

### Who?

People who are following or would like to follow a career in an engineering discipline with a plant or plant hire company. This would involve working outside in all weathers as well as in a workshop. Plant maintenance can be challenging and involve working at heights and in awkward places.

### Why?

The Plant Maintenance course has been designed in close consultation with the plant industry and aims to give apprentices a wide range of engineering knowledge and understanding beyond that required to achieve an NVQ qualification. It covers subjects from bench fitting and basic engineering skills to the latest technological advancements in electro-hydraulics and computerised control systems.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

All the Plant Maintenance apprenticeship courses follow a proven format, covering basic engineering subjects common to all plant maintenance disciplines. Further specific training and equipment is utilised relevant to the role the apprentice will follow within the company.

Subjects common to all course disciplines:

- Bench fitting/engineering skills/technical drawing
- Materials and measurements
- Servicing techniques and procedures
- Basic electrics
- Braking systems
- Lifting equipment and procedures
- Fuels/lubricants/consumables
- Welding/brazing/soldering
- CI and SI power units and associated systems
- IT/communication skills

Subjects specific to a General Plant Mechanic:

- Multi-cylinder power units
- Transmissions
- Hydraulics
- Air brake systems
- Steering and suspension systems
- Tracks/wheels/tyres
- Auxiliary plant
- Compressors, air tools and pneumatics
- Electro-hydraulics
- Basic electronics
- Engine management/computerised control
- Testing and diagnostic procedures
- Functional and operating procedures

Subjects specific to a Powered Access Mechanic:

- Platform hydraulics
- Electro-hydraulics
- Testing and diagnostic procedures
- Platform electrical systems
- Traction motors and control systems
- Basic electronics
- Computerised control systems
- Transmissions
- Power units
- Major overhaul procedures
- Functional and operating procedures

Subjects specific to a Crane Mechanic:

- Multi-cylinder power units
- Transmissions/crane drives

- Hydraulics
- Power braking systems
- Steering and suspension systems
- Tracks/wheels/tyres
- Electro-hydraulics
- Basic electronics
- Engine management/computerised control
- Jibs/ropes and rigging procedures
- Functional and operating procedures
- Safe load indicators
- Testing and diagnostic procedures

Subjects specific to a Lift Truck Mechanic:

- Truck electrical systems/battery technology
- Truck hydraulic systems
- LPG/SI power units
- Multi-cylinder CI power units
- Traction motors and control systems
- Electro-hydraulics
- Transmissions
- Masts/chains/forks
- Engine management
- Basic electronics
- Functional and operating procedures
- Testing and diagnostic procedures
- Power braking systems

Subjects specific to a Small Plant and Tool Fitter:

- Single and multi-cylinder CI power units
- Two and four-stroke SI power units
- Air tools and compressors
- AC electrical systems
- Power tool maintenance and repair
- Electrical safety testing (PAT)
- Auxiliary plant (pumps/generators)
- Horticultural equipment
- Testing and diagnostics

**The apprentice will gain qualifications/certification in:**

- Level 2 NVQ Diploma in Plant Maintenance
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

## Entry requirements

The recommended entry qualifications are four GCSEs at grade D or higher. However, all candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews.

Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include the Advanced Apprenticeship in Plant Maintenance (Level 3 NVQ Diploma in Plant Maintenance, Level 2 Functional Skills Advanced Certificate) or a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 18 week duration in 4 blocks**

**YEAR 2 – 10 week duration in 3 blocks**

**YEAR 3 – 9 weeks at National Construction College for those eligible to progress to Level 3.**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

## Plant Operation – Civil Engineering Plant

### Who?

People interested in pursuing a career as a plant operator in the construction industry who are motivated to work hard, sometimes away from home, to become valuable members of the workforce.

### Why?

The Plant Operation course sets out to produce plant operators trained to operate a specific range of machines. During their training at the college, apprentices gain a good understanding of the activities, techniques and procedures relating to plant operations including training in servicing, basic maintenance, levelling and setting out.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting

- Safe use of ladders
- Manual handling
- First aid

#### Practical training

The course includes training on a selection of the following:

- Crawler Tractor
- 360° Excavator
- Dumptruck
- Wheeled Loading Shovel

Training covers a selection of the following as appropriate to the apprentice's chosen trade:

- Operating specialised plant and machinery to performance requirements, including:
  - lifting and transferring plant
  - extracting and excavating plant
  - construction and formation plant
- Transporting and discharging bulk material loads
- Extracting and excavating materials
- Lifting, transferring and positioning loads
- Distributing, layering and consolidating materials

#### The apprentice will gain qualifications/certification in:

- Level 2 NVQ Diploma in Plant Operations (Civil Engineering)\*
- Level 2 Certificate in Plant Operations
- Construction Plant Competence Scheme (CPCS) Red Trained Operator's Card
- Level 1 Functional Skills
- Employment Responsibilities and Rights

## Why NCC?

We spend time with you and your colleagues to create the right training for your needs, even incorporating company policies and procedures where necessary

## factfile

We provide training for more than 700 apprentices every year at the National Construction College

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

\*The college assessment team will track apprentices on-site for the first category of plant as selected by the employer for conversion to the NVQ Diploma and the full CPCS Red Trained Operator's Card.

## Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## Where to next?

Assessment for additional NVQ Diploma categories are available through the National Construction College – details will be provided during attendance at college.

**YEAR 1 – 12 weeks training plus testing**

**YEAR 2 – Employer-based work experience with assessment for the Level 2 NVQ Diploma in Plant Operations, carried out by the National Construction College**

For course locations and dates, please turn to pages 42-43



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## Plant Operation – Construction Plant

### Who?

People interested in pursuing a career as a plant operator in the construction industry and are motivated to work hard, sometimes away from home, to become valuable members of the workforce.

### Why?

The Plant Operation course sets out to produce plant operators trained to operate a specific range of machines. During their training at the college, apprentices gain a good understanding of the activities, techniques and procedures relating to plant operations. This includes training in servicing, basic maintenance, levelling and setting out.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

The course includes training on the following:

- 180° Digger Loader
- 360° Excavator below 10t
- Forward Tipping Dumper
- Telescopic Handler

Training covers a selection of the following as appropriate to the apprentice's chosen trade:

- Operating specialised plant and machinery to performance requirements, including:
  - lifting and transferring plant
  - extracting and excavating plant
  - construction and formation plant
- Transporting and discharging bulk material loads
- Extracting and excavating materials
- Lifting, transferring and positioning loads
- Distributing, layering and consolidating materials

#### The apprentice will gain qualifications/ certification in:

- Level 2 NVQ Diploma (NVQ) in Plant Operations (Construction)\*
- Level 2 Certificate in Plant Operations
- Construction Plant Competence Scheme (CPCS) Red Trained Operator's Card
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

\*The college assessment team will track apprentices on-site for the first category of plant as selected by the employer for conversion to the NVQ Diploma and the full CPCS Red Trained Operator's Card.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)

## factfile

National Construction College works closely with the local community providing work through our apprentices for a range of community projects

- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

Assessment for additional NVQ Diploma categories are available through the National Construction College – details will be provided during attendance at college.

**YEAR 1 – 12 weeks training plus testing**

**YEAR 2 – 7 weeks**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43



“We’ve got a couple of useful apprentices who are shaping up well; we see them as managers and leaders of the future”

Steve Connolly, Managing Director,  
SCC Developments

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## Built-up Felt Roofing

### Who?

People who would like to follow a career in Built-up Felt Roofing. Apprentices will need to have a good head for heights and enjoy working outdoors, whatever the weather. Built-up felt roofers need to be able to cope with figures to calculate areas and volumes.

### Why?

The Built-up Felt Roofing course has been designed in close consultation with the roofing industry. It provides training and assessment in bitumen, roofing felts, surfacing and insulation materials, tools and equipment, regulations and standards, together with the practical and theoretical knowledge required to achieve the Built-up Felt Roofing framework. This provides apprentices with the skills they need to excel in this specialist trade.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Carry out safe working practices in construction
- Information, quantities and communicating with others
- Building methods and construction technology

- Apply built-up bituminous roofing
- Prepare decking for built-up bituminous roofing
- Repair and maintain built-up bituminous roofing
- Preparing background surfaces
- Preparing materials and components
- Storing resources ready for use
- Providing setting out for applied waterproof membranes
- Repairing surface defects
- Applying materials to the structural fabric
- Roll and pour techniques
- Torch-on techniques
- Establishing the suitability of the work area and access equipment
- Contributing to efficient working practices
- Abrasive wheels

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Built-up Felt Roofing
- Level 2 NVQ Diploma in Applied Waterproof Membranes (Built-up Felt Roofing)
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)

## Why NCC?

We offer an information and guidance service to help construction employees improve their job prospects or skills

- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 5 x 3 week blocks**

**YEAR 2 – 2 x 3 week blocks**

**1 x 2 week block**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43



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## Roof Sheeting and Cladding

### Who?

Motivated people who wish to start a career in the roof sheeting and cladding industry. Apprentices should have a good head for heights and be prepared to work outdoors whatever the weather. Some mathematical ability is needed for estimating and measuring.

### Why?

The course has been designed in close consultation with the roofing industry and provides training and assessment in single and double skin, as well as factory-assembled composite systems that include flashings, fasteners and fixings. Apprentices learn via practical and theoretical approaches how to cut, shape and fix materials including metal, plastic and cement panels to create walls and roofs.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Carry out safe working practices in construction
- Select the quantity and quality of resources for construction operations

- Prepare roof sheeting, cladding materials and components for installation
- Apply roof sheeting and cladding to the structural fabric
- Installing rainwater goods
- Provide setting out for roof sheeting and cladding
- Storing resources ready for use
- Knowledge of building methods and construction technology

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Roof Sheeting and Cladding
- Level 2 NVQ Diploma in Cladding Operations
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## factfile

**We have more first-class trainers in more locations than any other construction training provider in Europe**

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 5 x 3 week blocks**

**YEAR 2 – 2 x 3 week blocks  
1 x 2 week block**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43

**“All our staff receive regular training to keep them up-to-date and ensure that they are carrying out their jobs to the highest standards”**

Liz Hall, Secretary to the Managing Director,  
Cragg Builders



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## Roof Slating and Tiling

### Who?

People who wish to start a career in the roofing industry. Apprentices must have a good head for heights, and be capable of reading and interpreting plans, instructions and drawings, as well as being able to calculate areas and the quantities of materials required.

### Why?

The course has been designed in close consultation with the roofing industry and provides training and assessment in plain tiles, interlocking tiles, cement fibre slates and so on, to cover valleys, hips and general areas together with the practical and theoretical knowledge to achieve the roof slating and tiling framework.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Carry out safe working practices in construction
- Information, quantities and communicating with others
- Building methods and construction technology
- Install single-lap roof coverings to a variable gauge

- Install plain tile roof coverings
- Install regular sized natural roof slates to standard details
- Strip and reclaim pitched roof coverings
- Install roofing backgrounds and components
- Install pre-formed weathering flashings to roofs

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Roof Slating and Tiling
- Level 2 NVQ Diploma in Roofing Occupations
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

#### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## Why NCC?

If there isn't a specific apprenticeship for your trade, we will develop one

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 5 x 3 week blocks**

**YEAR 2 – 2 x 3 week blocks  
2 x 2 week blocks**

**YEAR 3 – 4 x 3 week blocks**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43

**“Training [of apprentices] is a massive boost of confidence”**

Stephen Rawlinson,  
Communications Director,  
Enterprise Utility Services



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## Drylining

### Who?

For motivated people who want to build a career in working with drylining fixing and/or finishing.

### Why?

The course has been designed in close consultation with the interior systems industry sector and is designed to provide a sound working knowledge of a wide variety of industry skills that will prepare apprentices for further career progression and to work competently on site.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Carry out safe working practices in construction
- Information, quantities and communicating with others
- Building methods and construction technology
- Finish drylining joints
- Install drylining and encasements
- Install drylining partition systems

## Why NCC?

**We offer the most extensive assessment service available in the industry**

### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Drylining
- Level 2 NVQ Diploma in Interior Systems – Drylining
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within the interior systems sector.

Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.



## factfile

We work with the Environmental Consultancy of the University of Sheffield (ECUS) to offer courses to help firms comply with sustainability legislation

### YEAR 1 – 5 x 3 week blocks

Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge

For course locations and dates, please turn to pages 42-43

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## Floor Covering

### Who?

People interested in pursuing a career in the flooring industry who are motivated to work hard, sometimes away from home, to become valuable members of the workforce. Flooring projects are often of relatively short duration and so this career may at times offer the opportunity of travel.

### Why?

The course has been designed in close consultation with industry. It provides training and assessment in the cutting, laying and fitting of textile and impervious floor coverings including vinyl, thermoplastic, linoleum and other sheet materials to floors and stair areas, together with the practical and theoretical knowledge to achieve the floor covering framework.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Developing customer relationships
- Storing materials and equipment
- Conforming to efficient work practices
- Moving and handling resources
- Preparing surfaces to receive floor coverings
- Setting out for laying floor coverings

- Installing textile floor coverings
- Installing impervious floor coverings
- Erecting and dismantling:
  - basic work platforms
  - access platforms (up to 5 metres high)
  - working platforms

#### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Floor Covering
- Level 2 NVQ Diploma in Flooring Occupations
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

#### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

#### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## Why NCC?

**National Construction College courses are fully residential and give apprentices hands-on training**

## factfile

**88%** of employers who employ apprentices believe that apprenticeships lead to a more motivated and satisfied workforce

[www.apprenticeships.org.uk](http://www.apprenticeships.org.uk)

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within construction. Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 3 x 4 week blocks  
1 x 3 week block**

**YEAR 2 – 1 x 4 week block  
1 x 3 week block**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43



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quoting BS10 NA or visit [www.cskills.org/asset](http://www.cskills.org/asset)

## Interior Systems

### Who?

For people who want a sound working knowledge of a wide variety of industry skills to work competently on site in interior systems.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Working at height
- Materials and storage
- Hand and power tools
- Interpreting information
- Principles of setting out
- Suspended ceiling systems
- Cavity barriers
- Demountable partitions
- Drylining partition systems
- Drylinings and encasements
- Drylining finishing
- Raised access flooring

### The apprentice will gain qualifications/certification in:

- Level 2 Construction Diploma in Interior Systems
- Level 2 NVQ Diploma in Interior Systems
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

### Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

### How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews.

Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

### Where to next?

This course can lead towards further career advancement in design, finance, sales and management within the interior systems sector.

Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.



**YEAR 1** – 3 x 4 week blocks

**YEAR 2** – 1 x 4 week block  
1 x 2 week block

Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge

## factfile

We have developed a new behavioural change course for Site Supervisors with the Olympic Delivery Authority (ODA)

For course locations and dates, please turn to pages 42-43

**Call to arrange an appointment today on 0344 994 4044**  
quoting BS10 NA or visit [www.cskills.org/asset](http://www.cskills.org/asset)

## Interior Systems – Suspended Ceiling Fixing and Partition Fixing

### Who?

For people who want to build a career in working with suspended ceiling fixing, relocatable partitioning and drylining fixing.

### Why?

The course has been designed in close consultation with the interior systems industry sector to provide a sound working knowledge of a wide variety of industry skills that will prepare apprentices for further career progression and to work competently on site.

### What?

Successful apprentices must achieve competence in the following:

#### Functional skills

- Mathematics
- English
- Communication

#### An induction programme

- Employment responsibilities and rights
- Health and safety
- Drug and alcohol awareness
- Mobile towers
- Fire fighting
- Safe use of ladders
- Manual handling
- First aid

#### Practical training

- Materials
- Tools
- Proprietary systems
- Installing components to structural fabric
- Reading datums and levels (including laser)
- Services
- Specifications and schedules
- Storing resources ready for use

- Erecting and dismantling working platforms
- Contributing to efficient working practices
- Mobile Elevated Working Platform (not in Scotland)

#### Ceiling Fixing

- Installing suspended ceiling systems
- Installing suspended ceiling cavity barrier systems

#### Partitioning (not in Scotland)

- Doors: hanging, fixing locks and furniture
- Removing and relocating aluminium framed partition systems
- Installing relocatable aluminium framed partition systems

#### The apprentice will gain qualifications/ certification in:

- Level 2 Construction Diploma in Interior Systems (Ceiling Fixing/Relocatable Partitions)
- Level 2 NVQ Diploma in Interior Systems (Ceiling Fixing/Relocatable Partitions)
- Level 1 Functional Skills
- Employment Responsibilities and Rights

They may also gain value added qualifications in first aid and health and safety, along with other industry specific subjects.

To achieve NVQ Level 3, further training is required in the following supervisory units: Site Measurement and Surveys; Planning and Organisation; Monitoring, Control and Evaluation of Operatives; Complex Interior Proprietary Systems.

## factfile

The National Construction College in East London delivers training opportunities to provide long lasting benefits after the 2012 Olympic Games

## Entry requirements

All candidates will be required to complete a Skills Learning exercise, and some will need to attend the college for further tests.

## How?

This is a combination of classroom-based theory and workshop-based practicals. The apprentice will take part in individual tutorials as necessary and there will be periodic progress reviews. Assessment will take place via:

- Written and practical assessments (mapped to Diploma and NVQ Diploma competence levels)
- A site visit (via an assessor)
- A synoptic practical challenge
- An assessment (delivered via a test at the end of the course)
- The GOLLA on-line multiple choice assessment test

## Where to next?

This course can lead towards further career advancement in design, finance, sales and management within the interior systems sector.

Further qualifications include Level 3 NVQ Diploma in Construction Contracting Operations and a Level 3 NVQ Diploma in Site Supervisory.

**YEAR 1 – 3 x 4 week blocks (NCC East)  
18 weeks (NCC Scotland)**

**YEAR 2 – 2 x 4 week blocks (NCC East)  
10 weeks (NCC Scotland)**

**Periods between college training are spent on-site with the apprentice's employer, developing work-based skills and knowledge**

For course locations and dates, please turn to pages 42-43



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<b>Course</b>	<b>Location</b>	<b>Start Date</b>	<b>Page No.</b>
Built-up Felt Roofing	Midlands	Sept 2010	28
Built-up Felt Roofing	Midlands	Nov 2010	28
Built-up Felt Roofing	Scotland	Aug 2010	28
Built-up Felt Roofing	South	Sept 2010	28
Civil Engineering Technician	East	Oct 2010	4
Crane Operation	Please contact us for details		18
Demolition Plant Operation	East	Aug 2010	20
Demolition Plant Operation	East	Sept 2010	20
Drylining	Please contact us for details		34
Floor Covering	South	Sept 2010	36
Formwork	East	Aug 2010	6
Formwork	East	Oct 2010	6
General Construction	East	Sept 2010	8
General Construction	Midlands	Sept 2010	8
General Construction	Scotland	Sept 2010	8
Highway Maintenance	East	Sept 2010	10
Highway Maintenance	Midlands	Nov 2010	10
Highway Maintenance	Scotland	Sept 2010	10
Interior Systems	East	Oct 2010	38
Interior Systems – Suspended Ceiling Fixing and Partition Fixing	Scotland	Sept 2010	40
Lightning Conductor Engineering	East	Jan 2011	12
Plant Maintenance	East	Sept 2010	22
Plant Maintenance	East	Jan 2011	22
Plant Operation	East	Sept 2010	24
Plant Operation – Civil Engineering Plant	East	Sept 2010	24
Plant Operation – Construction Plant	East	Sept 2010	26
Roof Sheeting and Cladding	Midlands	Oct 2010	30
Roof Sheeting and Cladding	Scotland	Aug 2010	30
Roof Sheeting and Cladding	Scotland	Sept 2010	30
Roof Slating and Tiling	Midlands	Sept 2010	32
Roof Slating and Tiling	Midlands	Nov 2010	32

<b>Course</b>	<b>Location</b>	<b>Start Date</b>	<b>Page No.</b>
Roof Slating and Tiling	South	Sept 2010	32
Roof Slating and Tiling	South	Feb 2011	32
Scaffolding	East	Aug 2010	14
Scaffolding	East	Sept 2010	14
Scaffolding	East	Oct 2010	14
Scaffolding	East	Dec 2010	14
Scaffolding	East	Jan 2011	14
Scaffolding	East	Feb 2011	14
Scaffolding	East	Mar 2011	14
Scaffolding	East	Apr 2011	14
Scaffolding	East	May 2011	14
Scaffolding	East	Jun 2011	14
Scaffolding	Midlands	Sept 2010	14
Scaffolding	South	Aug 2010	14
Scaffolding	South	Sept 2010	14
Scaffolding	South	Nov 2010	14
Scaffolding	South	Jan 2011	14
Scaffolding	South	Feb 2011	14
Scaffolding	South	Mar 2011	14
Scaffolding	South	May 2011	14
Scaffolding	South	Jun 2011	14
Scaffolding	South	Aug 2011	14
Scaffolding	Scotland	Aug 2010	14
Scaffolding	Scotland	Oct 2010	14
Scaffolding	Scotland	Nov 2010	14
Scaffolding	Scotland	Jan 2011	14
Scaffolding	Scotland	Mar 2011	14
Scaffolding	Scotland	May 2011	14
Scaffolding	Scotland	Jul 2011	14
Scaffolding	Scotland	Aug 2011	14
Steeplejacking	East	Jan 2011	16

# Training Close to Where You Are

Our aim is to provide you with the construction training you need, whenever and wherever you want it. We want to be able to carry out training as close to you as possible.

We have four locations from which we deliver our apprenticeship programme – National Construction College East, South, the Midlands and Scotland – and we also provide health and safety and management training at more than 60 other locations across the country.



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