

# Construction Courses

for Modern Apprentices or  
those with a construction  
craft qualification



South  
Lanarkshire  
College  

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**East Kilbride**

# COURSES FOR THOSE WHO WISH TO UPDATE THEIR CONSTRUCTION CRAFT QUALIFICATIONS

## PRE SKILLS TEST TRAINING FOR ALL CRAFTS

Duration - up to 1 week depending on the candidate's needs

## ENTRY REQUIREMENTS

- SVQ level 3
- Mature students with relevant industrial experience can apply

## COURSE CONTENT

To prepare candidates for the practical skills test

## HNC CONSTRUCTION MANAGEMENT

### ACTHNCCMGT

SCQF Level 7/8

Full time – Duration 1 year

Part time / evening – Duration 2 years

## EDUCATION PROGRESSION

HND Construction Management

## CAREER PROGRESSION

Supervisory / management positions in the construction industry

## ENTRY REQUIREMENTS

This course is available to school leavers, current industry practitioners and returning adults. Normal entry requirements are:

- One Higher Grade and appropriate passes at Standard Grade
- At least 12 relevant SQA National Qualification Units at appropriate level
- Entry to this course is based on successful performance at interview
- Candidates with appropriate work experience within the industry

## COURSE CONTENT

Core units include:

- Construction materials
- Site surveying
- Construction technology
- Site administration
- Standard form of contracts
- Project work

## **HNC PAINTING & DECORATING: SUPERVISION**

### **ACDHNCPAD**

SCQF Level 7

Part time - Duration 1 year

Day release / twilight – Duration 2 years

### **CAREER PROGRESSION**

On-site supervisor

### **ENTRY REQUIREMENTS**

Applicants need not be currently in full-time employment within the construction industry to undertake this course.

- An Advanced Level Certificate is preferred.
- Access is also available to candidates with SVQ Level 3 in Painting & Decorating.
- Entry to this course is based on successful performance at interview.

### **COURSE CONTENT**

#### **Core units include:**

- Health and safety management
- Painting systems for building substrates
- Technical problem solving
- Supervision management graded unit
- Applying specialized wall coverings
- Producing faux finishes
- Specialist decorative applications
- Applying metal leaf and powder
- Papering complex surfaces
- Colour and design

**Optional units may include:** Quality assurance in construction; developing self management skills

## **NVQ GLAZING (Level 2) Installation & Maintenance**

### **ACAGOAGLA**

SCQF Level 5

Block Release – Duration 2 years

### **CAREER PROGRESSION**

Employment within the glazing installation and maintenance industry.

### **ENTRY REQUIREMENTS**

Applicants must be currently in employment within the construction industry and undertaking complementary industrial experience within their discipline to undertake this course.

## **COURSE CONTENT**

### **Generic Units**

- Maintain Health & Safety within the working environment
- Contribute to the work of the glazing team
- Transport and handle glazing materials

### **Specialist Units**

- Confirm glazing requirements
- Prepare for glazing work
- Make safe damaged glass on site
- Install glass into glazing systems
- Cut glass for glazing
- Maintain glazing systems

## **ENERGY EFFICIENCY DOMESTIC HEATING**

### **ACCENGEFCY**

Part time - Duration 1 day

### **ENTRY REQUIREMENTS**

Suitable for operatives who are employed to design, specify, install or maintain central heating.

### **COURSE OUTLINE**

Benefits of condensing boilers; importance of SEDBUK ratings; latest building regulations

## **BPEC GAS COURSES**

### **ACCBPECGAS**

Awarding body: BPEC (British Plumbing Employers Council)

### **CAREER PROGRESSION**

Gas Operative

### **ENTRY REQUIREMENTS**

Entry depends on the operative's experience with the gas-related industry

### **COURSE OUTLINE**

Specialist area as required by UKAS. Trains plumbing and associated operatives to update and consolidate their skills in line with Health & Safety legislation, leading to Gas Safe certification.

Courses are offered in the areas of:

- Core domestic gas safety
- Cooking appliances
- Gas fires and wall heaters
- Gas control heating boilers
- Gas water heating appliances
- Domestic heaters
- Combustion products analysis

## PROFESSIONAL DEVELOPMENT AWARDS (Advanced Craft)

Brickwork, Carpentry & Joinery, Painting & Decorating, Plastering, Roof Slating & Tiling

SCQF Level 7

Block release – 1 year

### EDUCATION PROGRESSION

HNC in Construction, HNC Construction Management,

### CAREER PROGRESSION

Site supervisor

### ENTRY REQUIREMENTS

- Aimed at Craft Apprentices who have gained SVQ Level 3 in a relevant craft.
- Applicants with relevant industrial experience may apply.
- Applicants need not be currently in full-time employment within the Construction Industry to undertake these courses.
- Entry to these courses is dependent on successful performance at interview

## ADVANCED BRICKWORK

ACBSCQF7BK

### COURSE CONTENT

Core units include:

- Construction technical communication skills
- Construction industry - an introduction
- Arch construction
- Architectural and feature work
- Curved walls on plan and elevation
- Setting out and establishing levels
- Installation of surrounds and fire backs for solid fuel appliances
- Steps in brick and concrete

## ADVANCED CARPENTRY & JOINERY

ACTSCQF7CJ

### COURSE CONTENT

Core units include:

- Construction technical communication skills
- High class finishes
- Specialist doors
- Timber stairs with tapered treads
- Windows and screens
- Workshop and site setting out
- Complex pitch roofs
- New and sustainable building technologies

## ADVANCED PAINTING AND DECORATING

ACDSCQF7PD

### COURSE CONTENT

Core units include:

- Specialist decorative applications
- Producing faux finishes
- Colour and design
- Apply metal leaf and powder
- Apply specialised wallhangings
- Papering complex surfaces

## ADVANCED PLASTERING

ACBSCQF7PL

### COURSE CONTENT

Core units include:

- Construction technical communication skills
- Barrel and vaulted work
- External rendering and floors
- Forming architectural features
- Modern plastering methods and techniques
- Production of curved moulded plasterwork
- Conservation and restoration of plasterwork

## ADVANCED ROOF SLATING & TILING

ACBSCQF7RF

### COURSE CONTENT

Core units include:

- Construction technical communication skills
- Advanced slating
- Specialised plain tiling to pitched vertical and circular roofs
- Solar collection systems
- Ornamental and feature slating work

## SVQ LEVEL 3

Brickwork / Carpentry & Joinery / Environmental Technologies / Painting & Decorating / Plasterwork / Plumbing / Roof Slating & Tiling

SCQF Level 6

Block release – Duration 2-3 years / 100 hours Environmental Technologies

## EDUCATION PROGRESSION

Advanced Level Certificate

## CAREER PROGRESSION

Qualified craftsperson

## ENTRY REQUIREMENTS

Applicants for Construction SVQ programmes must be in employment within the construction industry and undertaking complementary industrial experience within their discipline.

## SVQ BRICKWORK (Level 3)

ACBSCQF6BK

### COURSE CONTENT

- Substructure walling
- Superstructure walling
- Decorative feature walling
- Arch construction
- Reconstituted stonework
- Fireplaces and flues
- Construction crafts employment skills
- Contribute to the provision of a safe working environment
- Appreciation of access platforms and equipment

## SVQ CARPENTRY & JOINERY (Level 3)

ACASCQF6CJ

### COURSE CONTENT

- Site safety and safe working practices
- Manufacturing of doors
- Manufacturing of windows
- Manufacturing of stairs
- Construction drawing
- Craft science
- Roofs
- Partitions
- Ground and upper floor construction
- First and second fixing

## **SVQ ENVIRONMENTAL TECHNOLOGIES (Level 3)**

**(Installation, Service and Maintenance)**

**ACCSCQF6ETS**

Duration: 100 Hours

### **CAREER / EDUCATION PROGRESSION**

Successful candidates will be suitable to apply for MCS (Micro Generation Scheme Approval)

### **ENTRY REQUIREMENTS**

- Candidates must hold an appropriate Mechanical Engineering Services or Building Services Engineering SVQ/NVQ Level 3 qualification or equivalent.
- A route is available to suitable candidates who can provide APL experience within Mechanical Engineering Services or Building Services Engineering

### **COURSE CONTENT**

**Mandatory: 1 credit**

- Working principles, installation options and regulatory requirements for micro-renewable technologies, water harvesting and recycling technologies

**Optional: 2 credits from:**

- Install, test commission and handover solar thermal hot water systems
- Inspect, service and maintain solar thermal hot water systems
- Install, test, commission and handover solar photovoltaic systems
- Inspect, service and maintain solar photovoltaic systems
- Install, test, commission and handover heat pump systems
- Inspect, service and maintain heat pump systems

## **SVQ ENVIRONMENTAL TECHNOLOGY SYSTEMS (Level 3)**

**(Installation)**

**ACCSCQF6ETI**

Duration: 100 Hours

### **CAREER / EDUCATION PROGRESSION**

Successful candidates will be suitable to apply for MCS (Micro Generation Scheme Approval)

## ENTRY REQUIREMENTS

- Candidates must hold an appropriate Mechanical Engineering Services or Building Services Engineering SVQ/NVQ Level 3 qualification or equivalent.
- A route is available to suitable candidates who can provide APL experience within Mechanical Engineering Services or Building Services Engineering

## COURSE CONTENT

### Mandatory: 1 credit

- Working principles, installation options and regulatory requirements for micro-renewable technologies, water harvesting and recycling technologies

### Optional: 2 credits from:

- Install, test commission and handover solar thermal hot water systems
- Install, test, commission and handover solar photovoltaic systems
- Install, test, commission and handover heat pump systems

## SVQ PAINTING AND DECORATING (Level 3)

### ACDSCQF6PD

## COURSE CONTENT

- Produce decorative effects
- Application of surface coatings
- Drawing
- Scaffolding
- Apply wallcovering
- Airless and air-assisted spray painting
- Colour

## SVQ PLASTERWORK (Level 3)

### ACBSCQF6PL

## COURSE CONTENT

- Applying lightweight plasters
- External finishes
- Plasterboard and coving
- Floor screeding
- Plain faced render and bull-nose ashlar
- Producing and fixing fibrous plaster casts
- Tools and materials
- Construction craft employment skills
- Contribute to the provision of a safe work environment
- Appreciation of access platforms and equipment

## SVQ PLUMBING (Level 3)

ACESCQF6PB

### COURSE CONTENT

- Central heating
- Gas work
- Plumbing
- Roof work

### EDUCATION PROGRESSION

NQ in Technical Plumbing or HNC in Construction Management

## SVQ ROOF SLATING AND TILING (Level 3)

ACBSCQF6RF

### COURSE CONTENT

- External cement work
- Plain tiling
- Regular sized slating
- Single lap tiling, dry and wet details
- Fibre cement slating
- Estimating
- Construction drawing
- Building craft science and materials
- Construction craft employment skills
- Contribute to the provision of a safe work environment
- Appreciation of access platforms and equipment

## CONSTRUCTION & CIVIL ENGINEERING SERVICES

### SVQ LEVEL 2 MODERN APPRENTICESHIPS

Construction Operations / Fitted Interiors / Interior Systems / Formwork Operations

SCQF Level 5

Full time / part-time – Duration 18 months

### EDUCATION PROGRESSION

Modern Apprenticeships at level 3 in the construction industry

### ENTRY REQUIREMENTS

Aimed at craft apprentices. Prospective students for construction SVQ programmes must be in employment within the construction industry and undertaking complementary industrial experience within their discipline.

## CONSTRUCTION OPERATIONS

### ACCSCQF5CO

#### COURSE CONTENT

Core units include:

- Modular pavement
- Laying kerbs and channels
- Drainage construction
- Structural concreting
- General construction
- Excavation and reinstatement
- General building operations

## FITTED INTERIORS

### ACCSCQF5FI

#### COURSE CONTENT

Core units include:

- General workplace safety
- Efficient work practices
- Move and handle resources
- Install fitted furniture
- Install basic plumbing

## INTERIOR SYSTEMS

### ACASCQF5IS

#### COURSE CONTENT

Core units include:

- Ceiling fixing
- Partitioning
- Dry lining fixing
- Dry lining finishing
- Access flooring
- Fixer and sheeter

## FORMWORK OPERATIONS

### ACASCQF5FOP

#### COURSE CONTENT

Core units include:

- General workplace safety
- Efficient work practices
- Move and handle resources
- Fabricate and maintain timber proprietary
- Formwork systems
- Erect and strike timber proprietary
- Formwork