

CITY OF GLASGOW
COLLEGE

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MODERN APPRENTICESHIP

Engineering & Construction
Programmes

Engineering & Construction

MODERN APPRENTICESHIP IN CONSTRUCTION BUILDING (CARPENTRY & JOINERY) (SCQF LEVEL 6)

Duration - 2 – 4 years (Depending on experience)

Overview

This course has been developed alongside industry experts to specifically train Modern Apprentice Joiners employed within the sector in domestic and commercial joinery installation, maintenance and repair. On successful completion of this course, candidates will become fully qualified Site Joiners. The course is delivered by highly experienced joinery lecturers utilising bespoke workshops and fully enabled IT Facilities.

Key outcomes

- SVQ in Carpentry and Joinery (Construction) Site Carpentry at SCQF Level 6 (8 mandatory and 2 optional units)
- PDA in Carpentry and Joinery at SCQF Level 6 (20 mandatory units)
- Core Skills at SCQF Level 5: Communication, Numeracy, Problem Solving, Working with Others
- Core Skills at SCQF Level 4: Information and Communication Technology
- Meta Skills

Course Content (Examples)

- Conform to General Workplace Health, Safety and Welfare
- Install First Fixing Components
- Install Second Fixing Components
- Set Up and Use Transportable Cutting and Shaping Machines

This apprenticeship is suitable for

New and pre-existing employees within the Construction sector who are working within a Carpentry and Joinery capacity. Ideal candidates will be looking to:

- Develop and apply skills and knowledge
- Gain a recognised qualification
- Progress career within the field of Construction

Delivery model

Candidates will attend college on a block release basis over a four-year period -

Year 1: 18 Weeks (two-week block release from August to May)

Year 2: 10 Weeks (two-week block release from August to March)

Year 3: 1 Weeks – Guidance and review session in May

Year 4: 2 weeks – Skills test and practice in June

Progression

Operate as a fully qualified Site Joiner

Progress within the workplace to technical specialist roles or supervisory/managerial roles. Continue study with a Technical Apprenticeship in Construction at SCQF Level 7.

Engineering & Construction

MODERN APPRENTICESHIP IN CONSTRUCTION BUILDING (PAINTING AND DECORATING) (SCQF LEVEL 6)

Duration - 2 – 4 years (Depending on experience)

Overview

This course has been developed alongside industry experts to specifically train Modern Apprentice Painters and Decorators employed within the sector in domestic and commercial painting and decorating, maintenance, and repair. On successful completion of this course, candidates will become fully qualified Painters and Decorators. The course is delivered by highly experienced lecturers utilising bespoke workshops and fully enabled IT facilities.

Key outcomes

- SVQ in Painting and Decorating (Construction) at SCQF Level 6 (8 mandatory and 2 optional units)
- PDA in Painting and Decorating at SCQF Level 6 (20 mandatory units)
- Core Skills at SCQF Level 5: Communication, Numeracy, Problem Solving, Working with Others
- Core Skills at SCQF Level 4: Information and Communication Technology
- Meta Skills

Course Content (Examples)

- Erect and Dismantle Access/Working Platforms
- Prepare Surfaces for Painting and/or Decorating
- Apply Coatings by the Airless Spray Method
- Hang Wallcoverings to Complex Surfaces

This apprenticeship is suitable for

New and pre-existing employees within the Construction sector who are working within a Painting and Decorating capacity. Ideal candidates will be looking to:

- Develop and apply skills and knowledge
- Gain a recognised qualification
- Progress career within the field of Construction

Delivery model

Candidates will attend college on a block release basis over a four-year period -

Year 1: 18 Weeks (two-week block release from August to May)

Year 2: 10 Weeks (two-week block release from August to March)

Year 3: 1 Weeks – Guidance and review session in May

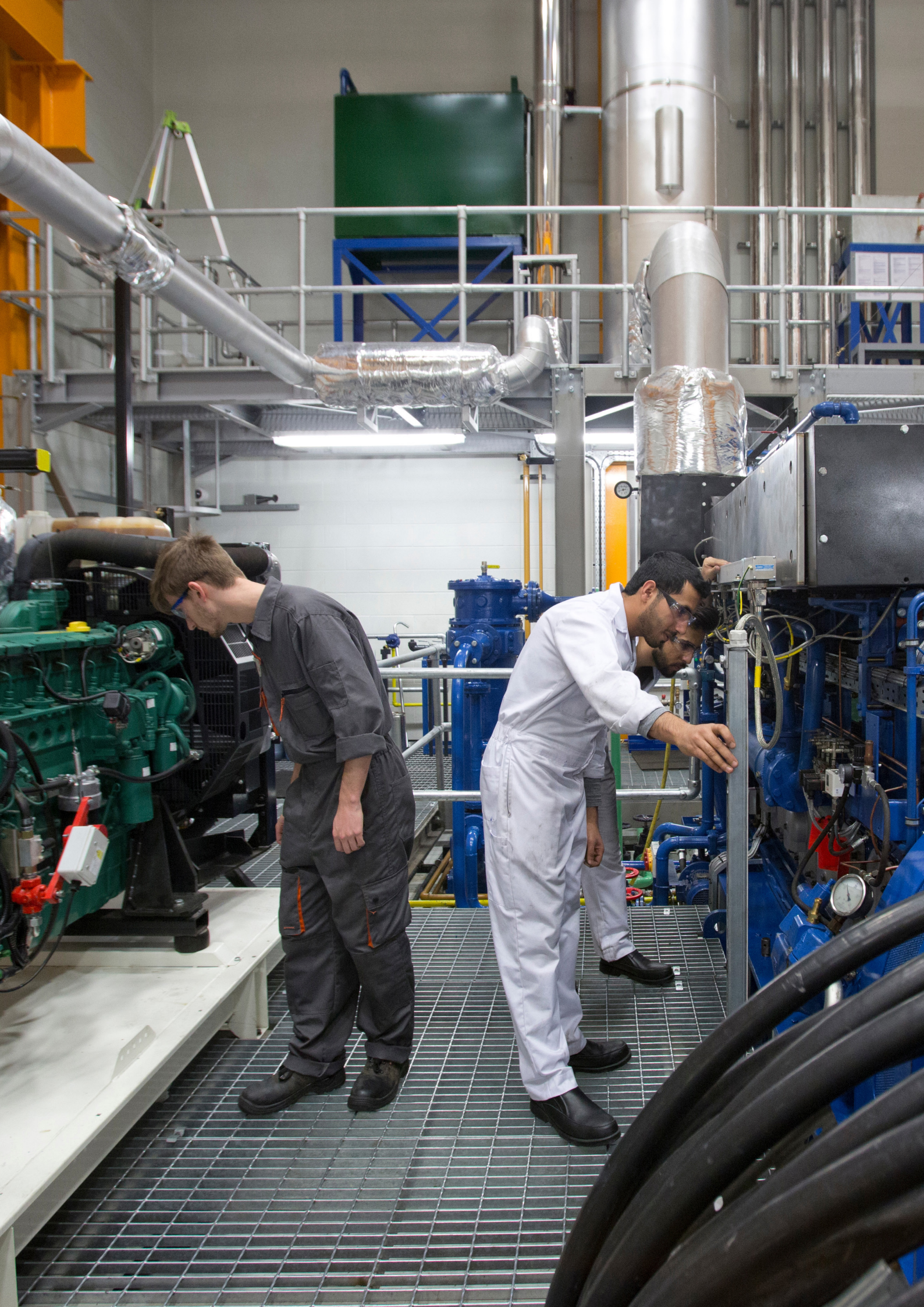
Year 4: 2 weeks – Skills test and practice in June

Progression

Operate as a fully qualified Painter and Decorator

Progress within the workplace to technical specialist roles or supervisory/managerial roles.

Continue study with a Technical Apprenticeship in Construction at SCQF Level 7



Engineering & Construction

MODERN APPRENTICESHIP IN ENGINEERING (ASSET LIFECYCLE AND MAINTENANCE) (SCQF LEVEL 7)

Duration - 4 years

Overview

This apprenticeship provides the skills, knowledge and competence required to become an engineering professional within the specialism of Asset Lifecycle and Maintenance.

Key outcomes

- EAL Diploma in Engineering at SCQF Level 7 (Asset Lifecycle and Maintenance Pathway)
- NC/HNC in an Engineering or Engineering related discipline at SCQF 5 or above
- SVQ Performing Engineering Operations at SCQF Level 5

Course Content

- Perform Core Engineering activities
- Understand good environmental practices, the importance of sustainability and how to apply this within your area of responsibility
- Develop meta-skills and personal professionalism through reflective practice, goal setting and active learning to improve own performance

This apprenticeship is suitable for

Individuals working in a range of entry-level Engineering and Manufacturing settings who are looking to:

- Develop and apply skills and knowledge
- Gain a recognised qualification
- Progress career within the field of Engineering

Relevant job roles (IT Related): Maintenance engineer/technician, instrumentation and control technician, valve technician, electrical and mechanical fitter/engineer, installation engineer, commissioning engineer, test engineer

Delivery model

Year 1: Performing Engineering Operations (PEO2) Level 2 SVQ. Attending college 3 – 5 days per week

Year 2 & 3: SVQ & NC/HNC based. Will attend college 1 day per week and be assessed in the workplace.

Year 4: Entirely SVQ based. Workplace attendance only and will be assessed in the workplace. From Year 2 onwards, apprentices will be allocated an assessor who will arrange regular on-site visits to enable effective delivery of the SVQ programme with course work being uploaded to our E-portfolio system. Delivery model is subject to change to suit the needs of the employer, this will be discussed and agreed prior to the apprentices start date.

Progression

Progress into technical specialist or supervisory/managerial roles.

Technical Apprenticeship in Engineering and Digital Manufacturing at SCQF Level 8

Graduate Apprenticeship in Engineering Design and Manufacture at SCQF Level 9

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MODERN APPRENTICESHIP IN ENGINEERING (MANUFACTURING AND FABRICATION) (SCQF LEVEL 7)

Duration - 4 years

Overview

This apprenticeship provides the skills, knowledge and competence required to become an engineering professional within the specialism of Manufacturing and Fabrication.

Key outcomes

- EAL Diploma in Engineering at SCQF Level 7 (Manufacturing and Fabrication Pathway)
- NC/HNC in an Engineering or Engineering related discipline at SCQF 5 or above
- SVQ Performing Engineering Operations at SCQF Level 5

Course content

- Perform Core Engineering activities
- Understand good environmental practices, the importance of sustainability and how to apply this within your area of responsibility
- Develop meta-skills and personal professionalism through reflective practice, goal setting and active learning to improve own performance

This apprenticeship is suitable for

Individuals working in a range of entry-level Engineering and Manufacturing settings who are looking to:

- Develop and apply skills and knowledge
- Gain a recognised qualification
- Progress career within the field of Engineering

Relevant job roles: Machinist, welder, fabricator, pipe fitter, production/process control technician, automation engineer, tool maker.

Delivery model

Year 1: Performing Engineering Operations (PEO2) Level 2 SVQ. Attending college 3 – 5 days per week

Year 2 & 3: SVQ & NC/HNC based. Will attend college 1 day per week and be assessed in the workplace.

Year 4: Entirely SVQ based. Workplace attendance only and will be assessed in the workplace.

From Year 2 onwards, apprentices will be allocated an assessor who will arrange regular on-site visits to enable effective delivery of the SVQ programme with course work being uploaded to our E-portfolio system. Delivery model is subject to change to suit the needs of the employer, this will be discussed and agreed prior to the apprentices start date.

Progression

Progress into technical specialist or supervisory/managerial roles.

Technical Apprenticeship in Engineering and Digital Manufacturing at SCQF Level 8

Graduate Apprenticeship in Engineering Design and Manufacture at SCQF Level 9

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MODERN APPRENTICESHIP IN GAS ENGINEERING (SCQF LEVEL 6)

Duration - 3 years

Overview

This apprenticeship has been developed alongside Industry to specifically train Modern Apprentice Gas Engineers employed within the sector. On successful completion of this course, apprentices will become fully qualified Domestic Gas Service Engineers and Gas Safe registered. The course is delivered by highly experienced engineering lecturers utilising bespoke workshops and fully enabled IT facilities.

Key outcomes

- EAL Awards CBQ in Gas Engineering at SCQF Level 6 (7 mandatory units and 6 optional pathways – one of which must be chosen depending on the requirements of the job role)
- Core Skills at SCQF Level 5: Communication, Numeracy, Problem Solving, Working with Others, Information and Communication Technology
- One additional enhancement

Course Content (Examples)

- Understanding Gas Safety
- Gas Tightness and Purging
- Install gas heating and wet central heating appliances
- Specific Core Installation and Maintenance
- Water Supply (water Fittings) Regulations and Water Bylaws in the UK. This includes Unvented Hot Water Storage

This apprenticeship is suitable for

New and pre-existing employees within the Gas Engineering field who are looking to:

- Develop and apply skills and knowledge
- Gain a recognised qualification
- Progress career within the field of Gas Engineering

Delivery model

Apprentices will attend college on a block release basis over a three-year period.

Year 1: 14 Weeks

Year 2: 14 Weeks

Year 3: 10 Weeks

Progression

Operate as a fully qualified Domestic Gas Service Engineer

Progress into technical specialist or supervisory/managerial roles.



CONTACT US

Thinking about taking on an apprentice? Looking to upskill in your career? Or maybe just looking for some more information. Get in touch with us using the contact email below and one of our team will get back to you.

Apprenticeships@cityofglasgowcollege.ac.uk

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