



# Built Environment

- Learn in a purpose-built facility, with specialist workshops for brickwork and electrical installation and areas dedicated to skills such as carpentry, plumbing, painting and decorating and groundworks.
- We have a unique partnership for skills training with EMCOR, who sponsor our Construction centre. They bring many of their work projects here so you can gain experience working on 'real' projects without having to travel out to work placements.
- Be involved with Carillion's Building Schools for the Future (BSF) contracts in the city. The college is partnered with Carillion and has worked with them to change our full-time courses so they better meet the needs of the construction industry. Our students have benefitted from observing the 'groundworks' stage on site, continuing through the various construction stages and ending with the training of maintenance engineers once the build is complete.
- Our link with Carillion has led to 23 students being employed by them as Apprentices.
- Take part in educational trips. In previous years we have taken students to the Building & Renovation Show at the NEC, Electrical Exhibition at the NIA and on numerous site visits.
- Gain extra skills with us. For example, our Carpentry students attend training at Velux windows to become approved window installation technicians.
- Each area has a 'Student of the Month' award to encourage and motivate you to succeed. Award winners receive a certificate and prize supported by local businesses.
- Learn from Tutors who have years of experience in their industry.



*"This is the first partnership where we're not solely using Carillion training centre. We are using City of Wolverhampton College because of the college's excellent reputation and because the facilities are outstanding."*

Carillion statement

Working with local employers...



### Plumbing / Electrical Certificate/Diploma in Access to Building Services Engineering Level 1/2

1 year • Wellington Road Campus

#### Entry requirements

Initial assessment and interview

This is a new qualification designed to give you the first step towards a career in Building Services. It provides you with broad practical experience in four areas of building services: plumbing, electro-technical, heating and ventilating, and refrigeration and air conditioning. You'll discover what you enjoy, and get a head start on your next qualification - helping you move on to a career. The course is suitable for young learners or adults. Assessment is done through both practical and online testing.

#### Future options

You will be prepared for work, ideally as an Apprentice, and will specialise in either Plumbing, Electrical, Heating and Ventilation.

### Painting & Decorating Level 1 Diploma

1 year • Wellington Road Campus

#### Entry requirements

No formal qualifications. Interview and entry test.

This course is a great start in acquiring the skills that will help towards a career in the construction industry. It is a one-year course that provides the basic training and underpinning knowledge to enable you to progress on to the Diploma Level 2. The course covers erection and dismantling of access equipment, preparing surfaces, paint systems, using brush/roller, applying foundation papers and producing decorative finishes.

Functional Skills in Maths and English are embedded in the course which will help as you progress to higher level qualifications.

#### Future Options

The Diploma Level 2 will give you the skills to gain employment as a Painter and Decorator.

### Painting & Decorating Level 2 Diploma

1 year • Wellington Road Campus

#### Entry requirements

Painting & Decorating Diploma Level 1

If you want to further your training and improve your underpinning knowledge then this course is for you. It will also enable you to progress to the Level 3 Diploma and if you gain an Apprenticeship, it provides the technical certificate for Apprentices in this trade area.

The course covers erection/dismantling access equipment, preparing surfaces, paint systems by brush/roller and applying standard papers to ceilings/walls. Assessment is done through multiple choice tests and practical assessments.

#### Future Options

Diploma Level 3.



### Carpentry & Joinery Level 1 Diploma

1 year • Wellington Road Campus

#### Entry requirements

Interview and diagnostic test. References from school for 16-19 year olds.

This course is a great step towards a career as a Carpenter. The course is designed to develop basic hand tool skills and to give you a good grounding in the use of portable power hand tools.

The course covers calculating quantities, building materials, sustainable materials, using and maintaining hand tools and power tools and basic woodworking jointing techniques. Functional Skills in Maths and English are embedded in the course, which will help as you progress to higher level qualifications. Assessment is done by multiple choice tests and practical tests.

#### Future options

Level 2 Diploma in Carpentry and Joinery.

### Carpentry & Joinery Level 2 Diploma

1 year • Wellington Road Campus

#### Entry requirements

Diploma Level 1 in Carpentry and Joinery and interview.

This course introduces you to intermediate construction practices and techniques and if you are successful, will take you to the skills level required by the industry to become a Carpenter and Joiner. It is also the technical certificate for Apprentices in this trade area. You will study building methods, construction technology, first fixing, second fixing, structural carcassing, building maintenance and setting up and using a circular saw.

#### Future options

Diploma Level 3 in Carpentry & Joinery.





**Brickwork  
Level 1 Diploma**  
1 year • Wellington Road Campus

**Entry requirements**

No formal qualifications required but you will be required to attend an interview and complete a diagnostic test.

This course is a great start in gaining the skills that will help towards a career in the construction industry. It provides the basic training and underpinning knowledge to enable you to progress on to the Diploma Level 2 qualification. The course covers building methods and construction technology, basic blocklaying, basic bricklaying, basic cavity walling and setting out of basic buildings. Functional Skills in Maths and English are included in the course which will help as you progress to higher level qualifications.

**Future Options**

Continue on to the Diploma Level 2 to develop the skills to achieve employment as a Bricklayer.



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**Brickwork  
Level 2 Diploma**  
1 year • Wellington Road Campus

**Entry requirements**

Interview; Diploma Level 1

This course will take you to the skills level the construction industry requires of bricklayers. It also provides the technical certificate for Apprentices in this trade area and is a continuation of Diploma Level 1. It provides further knowledge and training that will enable you to seek employment in the construction industry. The course covers building methods and construction technology, interpreting working drawings, setting out masonry structures, knowledge of thin joint and masonry cladding, solid walling and cavity walling. Functional Skills in Maths and English are included in the course which will help as you progress to higher level qualifications.

**Future Options**

Career: employment as a Bricklayer.

**Construction & Built Environment  
(Civil Engineering) Edexcel BTEC  
Level 3 Extended Diploma**  
1 year • Wellington Road Campus

**Entry requirements**

Four or five GCSEs at grade C or above or a pass in an appropriate BTEC award.

This is a technical qualification, equivalent to three A Levels, that equips you with the skills for a technical career or technical Apprenticeship in the construction or civil engineering industry. If you are already working in the industry this courses can be used as a stepping stone to higher level study from craft to technician. It's a career route for project managers, people working on quality issues and in higher level technical jobs. The course covers aspects of construction management, surveying, design, building regulations and construction maths and science

**Future options**

Courses: HNC/HND, Foundation degree, university degree. Employment: This course can lead to a career in quantity surveying or in managing building projects.





### **Groundworks Level 1 Diploma Construction Operatives**

1 year • Wellington Road Campus

#### **Entry requirements**

No formal qualifications required but you will be interviewed and take a diagnostic test.

This is a practical-based course offering a brilliant starting point for gaining the skills that will start your career in the construction industry. It provides the basic training and underpinning knowledge to enable you to progress on to the Diploma Level 2 qualification. The course covers building methods and construction and cutting, laying and mixing construction-related materials. The course is underpinned with Functional Skills including Maths and English which will help as you progress to higher level qualifications. Assessment is ongoing and you will also complete end of year tests and a final end of year exam, all multiple choice.

#### **Future options**

Courses: Diploma Level 2

### **Groundworks Level 2 Diploma Construction Operatives**

1 year • Wellington Road Campus

#### **Entry requirements**

Level 1 Diploma Construction Operatives and an interview.

This course consists of both practical, hands-on and classroom-based activities, covering building methods, establishing a work area, laying drainage and placing and finishing concrete. You will develop skills and knowledge to enable you to work in the industry in your chosen craft. You will be assessed throughout the year with end of unit tests and a final end of year exam.

#### **Future options**

Courses: Diploma Level 3; gaining an Apprenticeship. Further training, possibly in the use of fork lift trucks.  
Employment: Level 2 Construction Operative in groundworks.

