

# Opportunities for further study

## Contacts

## Levels 1, 2 & 3 Certificates & Diplomas City and Guilds 6161 Plumbing Vocations

Students who successfully complete the Advanced Diploma are eligible to proceed to either:

- CIOB Level 3 Certificate in Site Supervising Studies, or
- Level 3 BTEC Certificate in Building Studies

### Short courses

Subject to demand, the Construction Studies section will offer a variety of short courses for those engaged in the construction industry.

If you are interested in this course and would like further information, please contact:

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# City and Guilds 6161 in Plumbing Vocations

## Certificate and Diploma

## Advanced Diploma

The following successive qualifications are available over a period of five years of day-release attendance and study.

- Certificate level
- Diploma level
- Advanced diploma

### Entry qualifications

Entry to the courses will be assessed using a range of diagnostic tests to ensure that each apprentice/student is capable at the level on which they are placed. Where students have not obtained the required levels of literacy or numeracy, support will be available to ensure that they can progress. No formal qualifications are required, but a good degree of dexterity is an advantage. Students should be apprenticed or expect to be apprenticed to one of the plumbing or allied trades.

Entry to Diploma level is dependent on the student obtaining a pass at Certificate level. Likewise progression to Advanced Diploma can only be made once the Diploma is awarded.

Note: It is the responsibility of each student to ensure he/she has suitable protective clothing for practical sessions.

The course caters for apprentice plumbers in the construction and allied trades. It is designed to be complementary to the training and experience students will obtain in their employment and to generate within the students the personal satisfaction gained by having produced an outstanding piece of work.

### Content: Core Skills

This section includes:

- **Safety at work.** To introduce the candidate to the prevention of hazards, to adopt safe procedures for themselves and others and to maintain safe working conditions.
- **Mathematics and drawing.** To introduce the candidate to mathematical calculations, the use of drawing equipment in the production of construction drawings and to enable the candidate to calculate quantities and costs.
- **Communication and information technology within the workplace**
- **Materials.** To enable the candidate to identify, select and understand the technical properties of materials and their suitability for the job.
- **Practical.** The course covers all areas of plumbing trades work from the teaching of basic tool skills up to the development of high class craftsmanship. Craft-work includes:
  - Working processes for pipe work and sheet work
  - Sheet weathering using lead
  - Heating installations, maintenance and repair
  - Extension and commissioning of general plumbing systems

This includes theory and practice. The aim of the course is to enable the candidate to carry out advanced construction processes. It strengthens the knowledge in safety at work, calculations and drawing and communication and information technology, previously learnt at certificate and diploma level.

In addition the course specifically identifies aspects of supervision, planning and administration to enable the candidates to plan, organise and supervise building operations.