

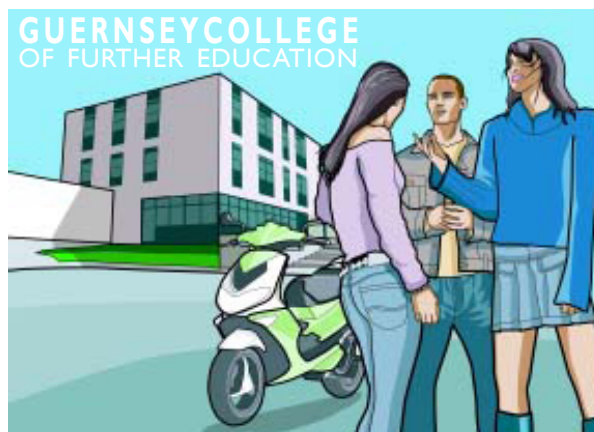
Opportunities for further study

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

CGLI 6000 series,
Construction Crafts Supplementary Studies
or BTEC Edexcel National 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.



Further information

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

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CGLI 6161 Plumbing Vocations

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.

Certificate & Diploma

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 from gaining formal qualifications.

Content

A. CORE SKILLS

This section includes:

- 1. 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.
- 2. MATHEMATICS & DRAWING:** To introduce the candidate to mathematical calculations, the use of drawing equipment in the production of construction and working template drawings, also to enable the candidate to calculate quantities and costs.
- 3. COMMUNICATION AND INFORMATION TECHNOLOGY WITHIN THE WORK PLACE**

Certificate & Diploma

B. MATERIALS

To enable the candidate to identify, select and understand the technical properties of materials and their suitability for the job.

C. 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.

Advanced Diploma

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.