

# Plumbing

## Why study this course at Riverside College?

Our purpose-built workshop at the Kingsway Campus has been developed to accommodate all of the necessary facilities and equipment you could hope for to achieve the best results. Our team of lecturers and assessors are experienced in all types of Plumbing and have a wealth of knowledge to pass on to our learners. Students will use top of the range tools and equipment on the course.

You will work in newly built workshops and modern classrooms with excellent IT facilities. The workshops have installation bays and assessment equipment in line with City and Guilds standards for you to use daily on your training and assessment. You will have the opportunity to use modern state of the art tools, facilities and the tuition needed to develop your practical skills.

## Are there any costs associated with this course?

Each learner will require work trousers, safety boots, two Riverside College Plumbing polo shirts, stationary equipment and ring binder with note paper. Students will also need to purchase Plumbing text books that will cost approximately £25.

## Enrichment opportunities

The College has a full enrichment programme and all learners are expected to make the most of their time with us, why not enjoy your free time with your tutor group. New enrichment activities include; various sports tournaments, table tennis, X-Box competitions, remote control model racing. There will also be various trips and visits throughout the year.

## Work experience

During the course all learners are encouraged to gain work experience in order to make the transition to the workplace as smooth as possible.

The practical work you will undertake will prepare you for real life situations. You will also complete out of college projects designed to support the community and allow you to gain valuable experience on site.

## How will I be assessed?

Assessment is carried out on all practical tasks throughout the year, which will be graded Pass, Merit or Distinction. You will also be assessed through online and paper-based theory exams at the end of each theory unit.



## Constructions Skills Centre Outstanding workshops and facilities

Students studying construction courses at Riverside College will benefit from the exceptional workshops and facilities in our £3.6 million Construction Skills Centre. We offer training in a wide range of trades including plumbing, carpentry & joinery, brickwork, electrical installation and painting & decorating.



## Unique Experience

- New Gas Training Centre
- Work experience for all students
- Extensive links with local and national employers including Halton Housing, Bell Group, Johnstone's Paints, Dulux, Wolseley (formerly Plumb Centre), Paslode, Travis Perkins, Metso, Bloor Homes and Jewson
- Take part in WorldSkills and other regional and national competitions

## Plumbing Level 1 Diploma - 1 Year

### Entry Requirements

Four GCSEs Grade 9 – 2, including Maths and English Language.

### What will I learn on this course?

The course will cover topics including:

- Prepare different materials for use in the plumbing process
- Understand different types of plumbing systems and fittings
- Fit systems in a workshop setting
- Safe working practices, information
- Quantities and communication with others
- Building methods and construction
- Erect and dismantle working platforms

### What will this course lead on to?

The successful completion of this course could lead to progression to a Level 2 Diploma or possible apprenticeship programme.

## Plumbing Level 2 Diploma - 1 Year

### Entry Requirements

Four GCSEs Grade 9 – 3 including Maths and English Language. Or the completion of a Level 1 Diploma in Plumbing.

### What will I learn on this course?

The course will cover topics including:

- Health and Safety in building services
- Hot water
- Cold water
- Electrical principles
- Central heating systems
- Sanitation
- Plumbing maintenance
- Bathroom installation

You will also have the opportunity to take part in internal and external competitions at regional and national events.

### What will this course lead on to?

The successful completion of this course could lead to a Level 3 Plumbing or possible apprenticeship programme.

## Plumbing Level 3 Diploma - 1 Year

### Entry Requirements

You must have successfully completed Level 2 Diploma Plumbing and GCSE Grade 4 or Level 2 in English and Maths.

### What will I learn on this course?

The course will cover topics including:

- Complex hot and cold-water systems
- Sanitation, central heating and gas installation
- Install and commission systems
- Fit systems in a workshop setting and check that operate correctly and efficiently
- Fault find and diagnose system faults
- There is an amount of electrical knowledge required to complete the course at Level 3
- Studies include the relevant legislation including, gas, electrical, building regulations. You will also study the codes of practice that must be adhered by people working within the industry

### What will this course lead on to?

The course is designed as an advanced level that will teach the skills and processes required to pursue a career in Plumbing as an apprentice or trainee plumber. It builds on the Level 2 Plumbing Qualification and it supports the requirements that are needed to complete a plumbing apprenticeship.



# Riverside College

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