



Plumbing Studies Diploma - R193

This course covers skills necessary to identify requirements for installing, commissioning, testing and maintaining Mechanical Engineering Services - Plumbing systems.

COURSE DETAILS

Qualification Structure:

- Health and safety in Building Services Engineering
- Electrical principles and processes for Building Services Engineering
- Scientific principles for domestic, industrial and commercial plumbing
- Common plumbing processes
- Cold water systems
- Domestic hot water systems
- Sanitation
- Central heating systems
- Drainage systems
- Understand how to communicate with others within Building Services Engineering

TIMETABLE INFO

Tuesday and Wednesday 18:00 - 21:00

Start Date: 16/09/2025

ENTRY GUIDELINES

You must be 19 or over to study on this course.

You do not need formal qualifications for this course but will be considered on your individual skills and experience. You must be able to follow instructions, be willing to work independently, produce answers in a clear and understandable form and organise information clearly.

You must complete a satisfactory interview and demonstrate your interest in this career pathway.

If English is not your first language, you may need an assessment before enrolling on this course. To discuss further, please contact the ESOL department on 0151 551 7144.

EQUIPMENT REQUIRED

Steel-toecap safety footwear, overalls, paper, files and folders are essential for the course. It is also advisable to purchase a number of text books that will be required for the course and future reference.

ASSESSMENT METHOD

Practical assessment and module knowledge test.

Practical assessments will concentrate on safety, copper tube, soil and waste, and maintenance. Underpinning knowledge questions will be used during practical assessments to check the candidate's knowledge and understanding.

You will be expected to maintain a portfolio of evidence in the form of a Practical Task Manual, which requires some written responses to be inserted.

ADDITIONAL INFORMATION

The course can be very demanding and regular attendance is essential, and expected, to satisfactory completion and subsequent award.

WHERE CAN I PROGRESS TO?

NVQ 2/3 Diploma Plumbing and Heating (if you gain an apprenticeship or employment). You may be able to register with the Institute of Plumbing and Heating Engineering on the Register of Plumbers (voluntary).

Explore potential careers via [Career Match](#) — it provides current local data on wages and employment prospects.

WHEN DOES THIS COURSE RUN?

CAMPUS	ATTENDANCE	COURSE CODE	PLANNED TIME TABLE
	Part Time	R193Q001	
<p>If you are aged 19 or over:</p> <p>Fee : £1590.00</p> <p><i>The fee quoted is for the academic year 24/25.</i></p>			

For advice and guidance, please contact Student Services via our [online enquiry form](#)

This information was current on 07th July, 2025 and may be subject to change.