



Plumbing Studies Diploma - R224

This course covers advanced plumbing and provides an introduction to design and gas principles.

COURSE DETAILS

The course contains the following units:

- Unit 201 Health and Safety in building services engineering
- Unit 301 Understand the fundamental principles and requirements of environmental technology systems
- Unit 302 Design assessment
- Unit 303 Complex cold water systems
- Unit 304 Complex hot water systems
- Unit 306 Complex central heating systems
- Unit 307 Domestic gas principles

ENTRY GUIDELINES

This is a Study Programme for those aged 16-18 years of age.

Relevant Level 2 plumbing qualification at pass or above or equivalent and Grade 9-4 (A*-C) or equivalent in Maths.

Satisfactory interview/assessment, school report and/or reference.

EQUIPMENT REQUIRED

To learn effectively on your course you will need to use certain items of equipment and undertake particular activities as part of your studies. To further enhance your learning experience the following will be required: Personal Protective Equipment - £40 Educational Visits - £35 If you need support with these costs, don't worry, click on the link below and complete a bursary application form. <https://www.wmc.ac.uk/student-support/financial-support/bursaries-loans> Equipment purchased will be yours to keep and you will be able to use them for practice at home and in your future career. N.B. prices correct as of 23/06/2021

ASSESSMENT METHOD

Assessment will be completed by practical and online tests.

ADDITIONAL INFORMATION

The course requires manual dexterity and physical stamina. You will need to handle tools and equipment.

Study programmes are full-time courses for 16-18 year olds which include:

- A qualification such as BTEC Extended Diploma
- Meaningful work experience or preparation for work
- English and maths, if you don't already have GCSE grade A* - C in English and maths (grade 4 or above)
- Non-study activities such as tutorials, voluntary work, fund-raising/charity work, sport or trips

WHEN DOES THIS COURSE RUN?

CAMPUS	ATTENDANCE	COURSE CODE	PLANNED TIME TABLE
	Full Time	R224Q001	

If you are aged 16-18:

This study programme will be FREE for most students who are aged 16-18 on 31 August, or students aged 19-24 with an Education, Health & Care Plan.

If you are aged 19 or over:

Fee : £2850.00

The fee quoted is for the academic year 24/25.

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

This information was current on 04th July, 2025 and may be subject to change.