



This course aims to provide the necessary knowledge and practical experience through employment and college tuition to become a qualified plumber. There are four elements which are the requirements of the apprenticeship framework: achievement of an NVQ at Level 2, a Technical Certificate, Key Skills at Level 2 and Employment Rights and Responsibilities (ERR).

NVQ Level 2 – MES Plumbing Apprenticeship

MANDATORY UNITS

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| <ul style="list-style-type: none"> • Maintain the safe working environment when undertaking plumbing work activities • Maintain effective plumbing working relationships • Contribute to the improvement of the plumbing work environment • Contribute to the improvement of plumbing business products and services • Install non-complex plumbing systems and components | <ul style="list-style-type: none"> • Plan complex domestic plumbing work activities • Install complex domestic plumbing systems and components • Commission and decommission complex domestic plumbing systems • Service and maintain complex domestic plumbing systems and components |
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OPTIONAL UNITS

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| <ul style="list-style-type: none"> • Gas systems and appliances • Plan domestic plumbing gas systems work activities • Install domestic plumbing gas systems and components | <ul style="list-style-type: none"> • Commission and decommission domestic plumbing gas systems • Service and maintain domestic plumbing gas systems and components |
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ADDITIONAL UNITS

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| <ul style="list-style-type: none"> • Design domestic plumbing systems | <ul style="list-style-type: none"> • Specify programmes for working on domestic plumbing systems |
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ADDITIONAL UNITS – sheet weathering systems (lead)

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| <ul style="list-style-type: none"> • Plan plumbing sheet weathering work activities • Install plumbing sheet weathering components | <ul style="list-style-type: none"> • Maintain plumbing sheet weathering components |
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ADDITIONAL UNITS – fire control systems

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| <ul style="list-style-type: none"> • Plan domestic plumbing fire control systems work activities • Install domestic plumbing fire control systems and components | <ul style="list-style-type: none"> • Commission and decommission domestic plumbing fire control systems • Service and maintain domestic plumbing fire control systems and components |
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The ERR component of the MES Plumbing framework is covered in detail as an additional unit of the new technical certificates in plumbing. All apprentices must take this additional unit as a mandatory requirement of completion of this framework.

Technical Certificate

Level 2 Certificate in Basic Plumbing Studies

- Safety
- Key plumbing principles
- Common plumbing processes
- Cold water systems
- Hot water systems
- Sanitation systems
- Central heating systems (pipe work only) Electrical supply and earth continuity
- Sheet lead weathering
- Environmental awareness
- Effective working relationships
- Plumbing core underpinning knowledge question paper (multiple choice)
- Practical tasks

Key Skills

- Application of Number Level 2
- Communication Level 2

Employment Rights and Responsibilities (ERR)

- The rights and responsibilities of workers (including equal opportunities legislation)
- The organisation, disciplines and representative structures of the industries concerned
- The impact on the sector of public law and policies