

Level 4 Higher Professional Diploma in Building Services Engineering (4467) Centres' information



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The demand for skilled and qualified building services engineers continues to grow. This can be met via the academic route but there will also be a need for building services engineers with workplace experience to progress to more advanced roles, bringing their years of practical work experience with new and more advanced skills to bear.

Which qualifications are available in this area?

Level 4 Higher Professional Diploma in Engineering (4467)

This qualification is designed for high achieving individuals developing careers in the building services industry. It provides a broad understanding of the variety of high-level roles available and skills needed for them. It is also an ideal way to progress onto related Foundation or Honour Degree courses. It can also be seen as a stepping stone towards the N-SVQ Level 4: Building Services Engineering Technology and Project Management.

Learners can choose one of two pathways:

•Electrotechnical

Learners will take units on Health and safety legislation, Applying CAD and ICT in Building Services Engineering Projects, Electrotechnical Project Design and Management, Electrotechnical Principles, Science for Electrical Installation, Electrical Installation Technology, Electrotechnical Services, Installation and Systems, Electrical Supply and Distribution and Sustainability.

•Mechanical Engineering Services

Learners will take units on Health and safety legislation, Applying CAD and ICT in Building Services Engineering Projects, Mechanical Engineering Services Project Design and Management, Mechanical Engineering Principles, Space Heating Technology and Design, Hot Water Technology and Design, Cold Water Technology and Design, Sanitation and Drainage Technology and Design, Air Conditioning and Ventilation Technology and Design, Heating and Ventilating Systems Technology and Design.

Optional units for both pathways

Mathematics for Building Services Engineers, Planning work methods, workforce and resource requirements for building service engineering projects, Contract procedures and requirements for building services engineering projects, Estimating and tendering for Building Service Engineering projects, Financial management of Building Services engineering projects, Managing resources for building services engineering projects, Planning building engineering services projects, Using Materials technology in building services engineering.

Do the qualifications form part of a recognised qualification?

The award is accredited by QCA at Level 4 and is therefore eligible for funding.

Support From Industry

This Course is supported by both the Electrical Contractors Association and the Chartered Institute of Plumbing and Heating Engineers.

Are there any other qualifications that may be of interest?

Successful candidates could progress to:

Engineering Council Certificate (Level 5), Graduate Diploma (Level 6) and Postgraduate Diploma (Level 7).

These examinations can help learners progress towards CEng status. More details available from www.cityandguilds.com/ecukexams

Senior Awards

Successful candidates could be eligible for a Licentiate (LCGI) or Graduate (GCGI). Further details can be found at www.cityandguilds.com/seniorawards

How can I find out more?

You can find out more by contact the Higher Level Qualifications Department at: City & Guilds, 1 Giltspur Street, London EC1A 9DD
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Key points

- Designed for Building Services engineers with workplace experience
- Two pathways reflecting the diversity of career
- A wide selection of optional units to allow specialisation or tailoring to an individual's role
- Meets the academic requirements for EngTech registration
- Opens up progression route towards CEng status
- Supported by both the Electrical Contractors' Association and the Chartered Institute of Plumbing and Heating Engineers