

# HNC Building Services Engineering for England - Electrical (HTQ)



Course Level: Level 4

Campus: Stafford

Subject Type: Construction & Engineering

## Course Overview:

Take your career to the next level with a Level 4 qualification in Building Services Engineering. This dynamic course equips you with the knowledge, skills, and understanding required to excel in the building services industry. With a widely recognised higher-level qualification, you'll gain the expertise to stand out and progress in your career, opening doors to new opportunities in engineering and beyond. Whether you're aiming for a management position or further study, this qualification provides a solid foundation for your professional growth.

## What's Covered:

Our Building Services Engineering for England (Electrical) Qualification is HTQ accredited, which means that it has been developed by employers and awarding bodies, so you'll get the right training, knowledge, and skills to succeed in the workplace.

### Higher National qualifications in Building services (Electrical) offer the following:

- an exciting and informative study programme that stimulates and challenges students
- a simple and flexible structure that enables students to take the Higher National Certificate and then build on it in the Higher National Diploma, with optional units linked to their specialist area of study
- an opportunity for students to follow specialist routes of interest at Level 5, gaining the knowledge and skills they need to progress to higher education or employment in their specialist area
- core competencies developed throughout the curriculum, to support lifelong learning skills for personal and professional development
- the opportunity for centres to offer assessments that consider cognitive skills (what students know) along with effective and applied skills (how they behave and what they can do) to support a practical and dynamic approach to learning
- unit-specific assessment and Pearson-set themes designed to encourage thorough and analytical learning, challenge students and develop skills in critical thinking, personal responsibility and decision-making
- a flexible approach to assessment that supports progression to higher education or work and allows for different learning styles
- quality assurance measures that assure professional organisations, universities, businesses, colleges and students of the integrity and value of the qualifications, and
- a programme of learning designed to meet skills gaps in the current workforce and build today's talent to meet tomorrow's needs in an international environment.

If you're looking to accelerate your career and have a passion for Building services, then this is the course for you. There are full time and part time course options available to suit your needs.

## Units Delivered:

Unit 1: Construction Design Project (Pearson-set)

Unit 4: The Construction Environment

Unit 6: Digital Applications for Construction Information

or

Unit 26: Digital Applications for Building Information Modelling

Unit 8: Mathematics for Construction

Unit 15: Principles of Alternative Energy

Unit 18: Principles of Electrical Design & Installation  
Unit 20: Site Supervision & Operations  
Unit 22: Scientific Principles for Building Services

### Entry Requirements:

We look forward to welcoming learners with passion, dedication and commitment to learning Building Services Engineering at a higher level. To study this course you must be over 18 years old and have four GCSEs including mathematics and English or equivalent, and a Level 3 qualification or equivalent. Mature candidates (over 21 years of age) who can evidence a relevant work experience portfolio would be favourably considered and academic requirements may be waived, please contact our HE advisor for more information. All prospective students will be interviewed and assessed individually.

### Progression:

On successful completion of the course you gain a widely recognised Level 4 qualification. You will be able to demonstrate a range of subject specific skills as well as general skills and qualities relevant to employers. You could progress onto a HND or 'top-up' degree or further professional qualification in the construction area. Alternatively you may wish to pursue employment opportunities in the technical construction area.

### What else do I need to know?

This course will be taught at our brand new Institute of Technology building on Castle Street, Stafford.

## How do I find out more?

Unsure if this is for you? Please contact our team on  
**[info@sotsiot.ac.uk](mailto:info@sotsiot.ac.uk)**

. We look forward to hearing from you.