



**CSCT
CAMPUS**



University of
Salford
MANCHESTER



BTEC HND in Building Services Engineering - Electrical



Step into a globally recognized career pathway with CSCT

The Building Services Engineering team is responsible for giving life to a structure. This team handles the design installation, operation and monitoring of the mechanical and electrical systems needed to maintain safe, comfortable and environmentally friendly functional spaces within the buildings. This includes supply and installation of electricity, air-conditioning, ventilation, transport (elevators, escalators etc), fire prevention and detection, CCTV and alarms. Electrical Engineers also ensure that buildings are energy efficient in their function.

Colombo School of Construction Technology

Colombo School of Construction Technology (CSCT) was established in 2008, and offers unique educational programmes in construction technology. The range of educational programmes offered by CSCT includes the BTEC Higher National Diplomas (HND), Undergraduate as well as Post graduate studies.

CSCT lecture panel consists of leading professionals in the construction industry, who bring with them a wealth of localised experience and knowledge in to the international education curriculum. All our teaching staff are extensively linked to the construction industry and hence the knowledge they deliver is up-to-date and relevant to the industry.

BTEC Higher National Diploma

The BTEC HND programmes deliver a specialist vocational programme, along with professional body requirements and national occupation standards. There is significant emphasis placed on work-related experience.

BTEC HND holders can then progress on to the second year of a degree or third year of an honours degree programme, given that the BTEC HND units match those required by the degree programme.

The programme

Entry: Minimum 2 G.C.E. A/L passes in any stream or relevant industry experience (students with pending A/L results may apply)

Duration

Full time = 18 months

Part time = 24 months

6 months Industrial Placement

Units :

- Construction Design Project
- The Construction Environment
- Construction Technology
- Mathematics for Construction
- Digital Application for Construction Information
- Scientific Principles of Building Services
- Principles of Electrical Design & Installation
- Principles of Public health Engineering
- Group Project
- Further Mathematics for Construction
- Advanced Electrical Design & Installation
- Building Management Systems
- Contracts & Management
- Project Management
- Maintenance & Operations
- Personal Professional Development



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