

**Building Services Engineering** is the engineering of the internal environment and environmental impact of a building. It essentially brings buildings and structures to life.

The BTEC HND in Construction and the Built Environment aims to produce building services engineers who are well equipped to enter the industry in areas such as design and build, consultancy and facilities management.

**HND graduates can then progress to the extended final year of our BSc (Hons) Occupational Safety, Health and Environment programme upon completion of our foundation course in Fundamentals to Health Safety and the Environment (Four month duration).**

The main aims of the HND in Construction and the Built Environment are to:

- Prepare students for a range of technical, professional and management career disciplines in building services engineering by providing specialised studies which are directly relevant to individual occupations and professions in which students are currently working or in which they intend to seek employment.
- Enable students to make an immediate contribution in employment in the building services engineering sector.
- Provide students with flexibility, knowledge, skills, understanding and motivation as a basis for progression to graduate and postgraduate studies.
- Develop a range of skills and techniques, personal qualities and attitudes essential for successful performance in working life.

This qualification can be earned in **2 ½ years**.

**Modes of Assessments: This course will be assessed by a combination of assignments.**

### **Entry Requirements**

To be eligible for entry to the programme you must have **at least one** of the following: -

- **18 years and over with 2 A'Levels**
- **18 years and over and completion of an appropriate Technician Certificate/ Diploma from City & Guilds, UTT, COSTAATT, NEC, ABE, or equivalent qualification**
- **18 years and over and relevant work experience**

**In addition to the above mentioned qualifications candidates must also have four (4) O'Levels inclusive of Mathematics and English**

#### **NOTE:**

Persons interested in this programme and who may not hold any of the above qualifications may be interviewed and accepted, even if they are not currently employed in the field.

### **Mode of Study**

The BTEC HND Construction and the Built Environment will be offered as a Full time and Part time programme at the following campuses:

- Champs Fleurs
- San Fernando

## **Registration Information**

In order to register, you must provide evidence of your entry qualifications by presenting:

- (a) Original certificates along with 3 copies.
- (b) A detailed Resume and/or Job Letter

**If your entry qualifications are satisfactory you are then required to complete the following forms:**

1. SBCS Registration Form (for registration with SBCS)

**\*Please note in order for nationals to apply for GATE, you must bring your original Electronic Birth Certificate, National ID or Passport.**

## **Fees Schedule**

- [1] SBCS Application Fee TT\$1500.00 (per semester)

**Payable upon registration every semester**

- [2] Registration Fee £450 (one- time payment)

**Payable by: October 31<sup>st</sup> 2017**

- [3] Tuition Fee TT\$2,200.00 per module – covered by GATE

Total Tuition Fees over 2.5 years= TT\$35,200.00

NOTE: All SBCS Fees in Sterling Pounds must be paid via bank draft payable to “School of Business and Computer Science Ltd”. Please include your name on the bank draft in the B/O (by order of) section.

## **Contact Information**

The following websites provide further information.

<http://www.edexcel.com>

<http://www.sbc.edu.tt/departments/cite.html>

Telephone: 663-SBCS (7227) extensions 1091, 1098

Email: [cite@sbcsnt.com](mailto:cite@sbcsnt.com)

**Tuition Information: GATE APPROVED**

Tuition commences in **September 2016**. Tuition for courses will be offered in specific semesters.

Semester1 (Sept'16-Dec'16)	Semester 2 (Jan'17-April'17)	Semester 3(May'17-Aug'17)
<p align="center">Three Foundation Courses</p> <ol style="list-style-type: none"> <li>1. Introduction to BTEC Philosophy</li> <li>2. Construction Science</li> <li>3. Introduction to AUTOCAD</li> </ol>	<p align="center">Two Modules</p> <ol style="list-style-type: none"> <li>1. Health, Safety &amp; Welfare for Construction and the Built Environment (Unit 6)</li> <li>2. Management Principles and Applications for Construction and the Built Environment (Unit 4)</li> </ol>	<p align="center">Three Modules</p> <ol style="list-style-type: none"> <li>1. Applied Mathematics for Construction and the Built Environment (Unit 36)</li> <li>2. Design Principles and Application for Construction and the Built Environment (Unit 10)</li> <li>3. Electricity and Lighting for Building Services Engineering (Unit 43)</li> </ol>
Semester 4.1 (Sept'17-Dec'17)	Semester 4.2 (Jan'18-April'18)	Semester 5 (May'18-Aug'18)
<p align="center">Three Modules</p> <ol style="list-style-type: none"> <li>1. Air Conditioning for Industrial and Commercial Buildings (Unit 41)</li> <li>2. Applied Mathematics for Complex Engineering Problems (Unit 36)</li> <li>3. Thermofluids and Acoustic Criteria for Building Services Engineering (Unit 40)</li> </ol>	<p align="center">Three Modules</p> <ol style="list-style-type: none"> <li>1. Energy Utilisation and Efficiency for Building Services Engineering (Unit 47)</li> <li>2. Electrical Installation for Building Services Engineering (Unit 50)</li> <li>3. Project Management for Building Services Engineering (Unit 57)</li> </ol>	<p align="center">Three Modules</p> <ol style="list-style-type: none"> <li>1. Electrical Protection and Transportation Installations for Non-domestic Buildings (Unit 53)</li> <li>2. Group Project in the Construction Industry (Unit 5)</li> <li>3. Application of Scientific Principles to Building Services Engineering (Unit 58)</li> </ol>
<p align="center"><b>Semester 6 (Sept'18-Dec'18)</b> Two Modules</p> <ol style="list-style-type: none"> <li>1. Building Management Systems for Building Services Engineering (Unit 54)</li> <li>2. Research Project (Unit 62)</li> </ol>	<p align="center"><b>IMPORTANT: Programme schedule is subject to change without prior notice.</b></p>	