FACT SHEET

The main aims of the BTEC Higher National Diploma (HND) Engineering (Mechanical Engineering) are to:

- Prepare students for a range of technical, professional and management career disciplines in mechanical engineering by providing them with the core knowledge, skills and techniques required.
- Enable students to make an immediate contribution in employment within the mechanical engineering sector.
- Provide students with the 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.

HNDs are recognized by many higher educational providers as meeting the admission requirements to enter the final year of an undergraduate degree programme.

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

HND graduates can progress to the final year of the following degree at SBCS:

- **BEng. Mechanical Engineering from University of Sunderland.**

Classes for the new semester are scheduled to commence in **October 2020.**

Modes of Assessments: This course will be assessed by a combination of Centre-set and Pearson-set assignments.

Entry Requirements

To be eligible for entry to the programme you must be 18 years and over and have ***at least one*** of the following: -

- **2 A'Levels**
- **Matriculation to HND (Engineering) programme from SBCS**
- **Diploma in Electrical and Mechanical Engineering Technology from SBCS**
- **An appropriate Technician Diploma from City & Guilds, UTT, COSTAATT, NEC or an equivalent qualification**
- **Relevant work experience (Resume and Job letter required)**

Mode of Study

The BTEC HND in Mechanical Engineering will be offered at the following SBCS campus location:

- Champs Fleurs (Part-time)

All financial information provided by SBCS is subject to change

Registration Information

To register for this programme, you must provide evidence of your entry qualifications by presenting:

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

If your entry qualifications are satisfactory, you are then required to complete the **SBCS Registration Form**.

If you need an acceptance letter from SBCS after registration, kindly note that such requests usually take three (3) working days to process.

Fees Schedule

Fees for this programme are as follows:

FEE	AMOUNT	NOTE
SBCS Registration Fee	First semester: TT$150.00 Remaining semesters:TT$850 each	**Payable upon registration every semester**
Tuition Fee	TT$1,500 (Foundation Semester) TT$2,200 (per module) TT$4,400 (Research Project only)	Total Tuition Fees over 2 years= TT$36,700.00
BTEC Registration Fee (1st time registration and annual fees)	£500	**Payable by: November 30th 2020** One time payment to cover the duration of the entire programme

NOTE:
BTEC Registration fees must be paid via **bank draft** payable to **"SBCS Global Learning Institue Ltd"**. Please include your name on the bank draft in the B/O (by order of) section.

Contact Information

Further information can be found on the SBCS website:
http://www.sbcs.edu.tt/academic-centre/centre-for-information-technology-and-engineering/

Course Administrators	Telephone: 663-SBCS (7227)	Email
Reshmi Koomia	Extension 1094	cite-eng@sbcs.edu.tt
Savita Ramoutar	Extension 1098	
Sajeev Maraj	Extension 1097	

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Course Schedule

Tuition commences in **October 2020** and courses are semester-specific.

Foundation Semester (Sep– Dec 2020)	Semester 1 (Jan – April 2021)	Semester 2 (May – Aug 2021)
1. Introduction to BTEC Philosophy 2. Foundation Mathematics 3. Foundation Mechanics	1. Engineering Maths (Unit 2) 2. Engineering Science (Unit 3)	1. Mechanical Principles (Unit 8) 2. Mechanical Workshop Practices (Unit 10)
Semester 3 (Sep – Dec 2021)	**Semester 4 (Jan – April 2022)**	**Semester 5 (May– Aug 2022)**
1. Fundamentals of Thermodynamics and Heat Engines (Unit 13) 2. Managing a Professional Engineering Project (Unit 4) 3. Research Project (Unit 34)	1. Further Mathematics (Unit 39) 2. Fluid Mechanics (Unit 11) 3. Professional Engineering Management (Unit 35)	1. Advanced Mechanical Principles (Unit 36) 2. Thermofluids (Unit 64) 3. Engineering Design (Unit 1)
Senester 6 (Sep – Dec 2022)		
1. Further Thermodynamics (Unit 38) 2. Virtual Engineering (Unit 37)		