

### 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 **January 2025**.

**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)

**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	Semester Fee: TT\$850 each	<b>Payable upon registration every semester</b>
Tuition Fee	TT\$2,200 (per module) TT\$4,400 (Research Project only )	Total Tuition Fees over 2 years= TT\$35,200.00
BTEC Registration Fee (1 <sup>st</sup> time registration and annual fees )	£550	<b>Payable by: February 28<sup>th</sup> 2025</b> 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 Institute Ltd**”. Please include your name on the bank draft in the B/O (by order of) section. The draft is to be deposited into our FCB Sterling account. The account information will be provided.

**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
Tayne Robinson	Extension 1097	<a href="mailto:cite-eng@sbcs.edu.tt">cite-eng@sbcs.edu.tt</a>
Savita Ramoutar	Extension 1098	
Roshan Anganoo	Extension 1254	

**Course Schedule**

Tuition commences in **January 2025** and courses are semester-specific.

<b>Semester 1 (January 2025 – May 2025)</b>	<b>Semester 2 (May 2025 – September 2025)</b>	<b>Semester 3 (October 2025 – February 2026)</b>
<ol style="list-style-type: none"> <li>1. Engineering Mathematics</li> <li>2. Engineering Science I</li> </ol>	<ol style="list-style-type: none"> <li>1. Mechanical Principles</li> <li>2. Mechanical Workshop Practices</li> </ol>	<ol style="list-style-type: none"> <li>1. Fundamentals of Thermodynamics and Heat Transfer</li> <li>2. Managing a Professional Engineering Project (Person-Set)</li> <li>3. Fluid Mechanics</li> </ol>
<b>Semester 4 (March 2026 – June 2026)</b>	<b>Semester 5 (July 2026 – November 2026)</b>	<b>Senester 6 (Sep – Dec 2025)</b>
<ol style="list-style-type: none"> <li>1. Research Project</li> <li>2. Further Engineering Mathematics</li> <li>3. Thermofluids</li> </ol>	<ol style="list-style-type: none"> <li>1. Professional Engineering Management</li> <li>2. Advanced Mechanical Principles</li> <li>3. Engineering Design</li> </ol>	<ol style="list-style-type: none"> <li>1. Further Thermodynamics</li> <li>2. Computational Modelling in Virtual Engineering</li> </ol>