

FACT SHEET

The **SBCS Assured Certificate in Advanced Refrigeration and Air Conditioning** was designed for persons wishing to enter the air conditioning industry. This qualification will provide the skills and experience needed for you to carry out your role within the industry and is therefore an excellent starting point for anyone seeking a career as a air condition technician.

This course will provide you with a range of refrigeration and air conditioning skills by combining both practical and theoretical training. Some of the topics covered include installing refrigeration systems to national standards, carrying out pre-commissioning tests, carrying out fault diagnostics and repairing defective systems. Assessment is undertaken through a combination of practical assignments and written examinations.

Duration

This qualification can be completed in **one (1) year**. There are two (2) intakes per year in May and October.

Pre-requisites

There are no pre-requisites for this programme. However, basic knowledge in Mathematics will be an asset.

Mode of Study

Classes for this programme will be on evenings (5:30 – 8:30pm) and will be offered at **the Champs Fleurs campus**.

Assessments

This qualification will be assessed by a combination of written examinations and practical assignments.

To achieve the SBCS Assured Certificate in Advanced Refrigeration and Air Conditioning, learners must complete the following:

- **Refrigeration and Air Conditioning Fundamentals**
- **Refrigeration and Air Conditioning (Principles and Practice)**

Assessments for each courses are as follows:

Course Title	Assessments
Refrigeration and Air Conditioning Fundamentals	Structured Examination question (2 hour) based on the following learning outcomes: 1. Mathematics 2. Applied Science 3. Drawing and Blueprint Reading 4. Safety at work
Refrigeration and Air Conditioning (Principles and Practice)	Structured Examination question (3 hour) based on the following learning outcomes: 1. Materials 2. Calculations and Setting out 3. Practical Skills 4. Communication and Information Technology 5. Alterations, repairs and planned maintenance

	<p>Practical Assessments: This unit covers the skills required to enable a candidate to apply basic tools skills to set out, fabricate, install and test refrigeration systems</p>
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Fee Schedule

Fees for this programme are as follows:

FEE	AMOUNT	NOTE
SBCS Registration Fee	TT\$500	Payable upon registration
City & Guilds Registration Fee	£100 (one-time payment)	Payable by: November 30th 2020
Tuition Fee	Cash: TT\$10,000 Credit: TT\$11,000	
Examination Fee	TT\$500 (per exam)	Total Examination Fee = TT\$1000 Payable by: March 31st 2021
Examination Fee (Re-sit)	TT\$500 (per exam)	

NOTE:

All SBCS Fees in Sterling Pounds must be paid via bank draft payable to “SBCS Global Learning Institute”. 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 can also be contacted directly:

Campus	Telephone: 663-SBCS (7227)	Email
Champs Fleurs	Extensions 1094/7/8	CITE-Eng@sbcs.edu.tt