

FACT SHEET

The **SBCS Certificate in Advanced Electrical Installation** was designed for persons aspiring to become an electrician or wireman. This qualification forms the basis of knowledge for all modern domestic and commercial electrical installation work and is therefore an excellent starting point for anyone seeking a career as an electrician.

This course will provide you with a range of electrical installation skills by combining both practical and theoretical training. Some of the topics covered include installing electrical systems to national standards, single phase and three phase circuits, inspection and testing of domestic installations and diagnosing and repairing faults. Assessment is undertaken through a combination of practical assignments and written examinations.

Graduates of this programme will be eligible to apply for the Wireman Licence from the Electrical Inspectorate which certifies electricians in Trinidad and Tobago.

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 possibly Saturdays 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 Certificate in Advanced Electrical Installation, learners must complete the following:

- **Electrical Fundamentals**
- **Electrical Installation (Principles and Practice)**

Assessments for each courses are as follows:

| Course Title | Assessments |
|---|--|
| Electrical 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 |
| Electrical Installation (Principles and Practice) | Structured Examination question (3 hour) based on the following learning outcomes: 1. Materials 2. Calculations and Setting out 3. Practical Skills |

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| | <ol style="list-style-type: none"> 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:</p> <ol style="list-style-type: none"> 1. Install various electrical systems to national standards 2. Carry out inspection and testing of single phase domestic installations 3. Diagnose, locate and repair faults within an electrical installation 4. Safely undertake alterations to an existing installations |
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Fee Schedule

Fees for this programme are as follows:

| FEE | AMOUNT | NOTE |
|--------------------------------|--|--|
| SBCS Registration Fee | TT\$500 | Payable upon registration |
| Insurance Fee | TT\$60 | Payable upon registration |
| City & Guilds Registration Fee | £100 (one-time payment) | Bank draft only payable by: 4th April 2020 |
| Tuition Fee | Cash: TT\$10,000 Credit: TT\$11,000 | |
| Examination Fee | TT\$1000 | Payable by: October 3rd 2020 |

NOTE:

All SBCS Fees in Sterling Pounds 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

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 1094/6/7/8 | CITE-Eng@sbcs.edu.tt |