

ENGINEERING

(ELECTRICAL, ELECTRONIC & MECHANICAL)

<http://www.sbcs.edu.tt/departments/CITE.html>

Engineers are responsible for building, developing and maintaining the infrastructure of our world.

Engineers are in demand the world over as countries irrespective of size seek to build and or improve their physical infrastructure. Engineers and engineering technicians find employment in a multitude of areas, as wherever human civilization exists, they are in demand.

A career in Engineering can be both financially and personally rewarding. At SBSCS we offer programmes suited to both CXC/O'Level graduates and qualified technicians.

Engineering students must possess a fundamental curiosity about the way the world works, and a love of applying science and mathematics. Engineers need to be creative, logical problem solvers with an affinity for observation, experimentation and analysis. The complex systems built by mechanical and electrical engineers require well coordinated teams for success. Thus, apart from a well disciplined technical mind, an engineer needs to be able to work well with others. This demands a person who is an effective communicator with well developed interpersonal skills.

If you have a practical mind, love to understand how things work, how to improve them and dream of working for a local or international engineering firm or as an independent consultant then our globally recognized programmes will provide you with the right skill set.

Typical job options/career paths:

Engineering Technician, Senior Engineering Technician, Electrical / Mechanical Engineer, Senior Electrical / Mechanical Engineer, Electrical Consultant / Lecturer.

- Students with CXC/O'Levels as their highest qualification and no working experience can begin the City & Guilds Certificate programme. This programme can be completed in approximately 1 year.
- Students without CXC/O'Levels but are 21 years old and have 2 years of relevant working experience can begin the City & Guilds Certificate programme. This programme can be completed in approximately 1 year.
- Further study at the Master's level is available to students who want to advance their education and broaden their skill set.
- SBSCS offers additional training via the following short engineering courses:
 - o Electricity and Electronics
 - o Programmable Logic Controllers
 - o Fibre Optics Installer
 - o Electric Motors
 - o A+, Network+, CISCO

ENGINEERING CAREER PATHWAY @ SBCS

