AcademiX School of Learning

Associates Degree Requirements



Introduction

Subjects for **CAPE®** are arranged as 1-Unit or 2-Unit courses. Each Unit consists of three Modules and requires approximately 150 hours of work. The 150 hours required for the completion of each Unit is equivalent to 10 credits. The cluster of ten Units is, therefore, equivalent to 100 credits.

The grades awarded by CXC® can be equated to Grade Points as shown in the table below.

GRADE	POINTS
I	4.0
II	3.5
III	3.0
IV	2.5
V	2.0

Courses that make up the **CXC®** Associate Degree are separated into three bands as shown below:

General Education Courses (compulsory) 30 credits

- Communication Studies
- Caribbean Studies
- Integrated Mathematics

Core Courses (based on specialization) 40 credits

At least four CAPE® Units relevant to their area of specialisation.

Electives 10 credits

A single Unit and can be chosen from any other **CAPE®** subjects not included in the General Education Requirements or Core Courses.

Associate of Science

Green Energy

About Green Energy

Green Engineering is the use of measurement and control techniques to design, develop, and improve products, technologies, and processes that result in environmental and economic benefits. The Associate of Science – Green Energy prepares candidates to enter various fields of green engineering after completing a minimum of two years of study. It provides the opportunity for candidates to pursue further study to enable careers in areas such as green architectural planning and design, green mechanical design, efficiency auditing, virtual health services, water footprint management, retail energy management, landfill mining management, alternative energy systems, conservation technology and management, sustainability systems, development, regulation and compliance, urban planning, clean water systems, wave energy production, green research, design and consultancy services.

General Education Requirements

- Caribbean Studies
- Communication Studies
- Integrated Mathematics or equivalent (Pure Mathematics OR Applied Mathematics - Unit 1 or Unit 2

Core Courses

- Green Engineering Unit 1
- Green Engineering Unit 2
- Electrical and Electronic Engineering Technology Unit 1 and/or Unit 2
- Building and Mechanical Engineering Drawing Unit 1 and/or Unit 2

- Green Engineering Unit 1
- Green Engineering Unit 2
- Physics Unit 1 and/or Unit 2
- Environmental Science Unit 1 and/or Unit 2

Adjunct/Supporting Courses

- *Choose <u>one</u> **CAPE®** Unit from Humanities and Fine Arts.*
  - *History Unit 1 or 2*
  - *Law Unit 1 or 2*

- *Choose <u>one</u> **CAPE®** Unit from Social and Behavioural Sciences OR Natural, Physical Sciences and Technology*

○ *Economics Unit 1 or 2* ○ *Environmental Science Unit 1 or 2* ○ *Information Technology Unit 1 or 2* ○ *Physics Unit 1 or 2*	○ *Economics Unit 1 or 2* ○ *Geography Unit 1 or Unit 2* ○ *Information Technology Unit 1 or 2*

Elective

- Choose one Unit from any **CAPE®** syllabus