The Caribbean Advanced Proficiency Examination (CAPE)
The Caribbean Advanced Proficiency Examinations (CAPE) are designed to provide certification of the academic, vocational and technical achievement of students in the Caribbean who, having completed a minimum of five years of secondary education, wish to further their studies.

Law
Law is an essential tool for ensuring relative stability, peace and order in society, for regulating interpersonal behavior and expectations and for defining public and private rights. This course at the CAPE level provides the basis and scope for promoting a sound knowledge and understanding of legal principles and the role of law in the society.

Study topics include:

- Caribbean Legal Studies
- Principles of Public Law
- Criminal Law
- Private Law – Tort, Law of Contract, Real Property

Before you start:
A general education up to CXC level or equivalent is useful for this course.

This course will help you to:

Broaden your understanding of the Caribbean legal system

Accounting
Accounting is the financial information system that provides relevant information to anyone who owns, manages or uses economic resources or engages in economic activity.

The purpose of this advanced course in Accounting is to provide a good foundation for further study of Accounting at pre-professional and professional levels.

The study topics include:

- Financial accounting
- Cost and Management accounting.

Before you start:
Accounting and Mathematics at CXC or equivalent would be essential for this subject.
This course will help you to:

Develop an understanding and appreciation of the principles and concepts of Financial Accounting.

**Management of Business (M.O.B)**

The uncertainties and the dynamic environment within which businesses operate today present serious challenges for business leaders. As students proceed beyond the CSEC level, preparing to pursue their career goals, they must be cognizant of the changing socio-economic climate within which modern business operate.

The CAPE Management of Business syllabus provides opportunities for students to develop the required knowledge and understanding of management principles and practices.

The study topics include:

- Management Principles and Processes
- Application in Management

Before you start:

A general education up to CXC level is useful for this course.

This course will help you to:

- Develop an understanding of the integrated nature of business organizations and the environment in which they operate.
- Develop critical thinking skills that involve analysis, evaluation, decision making and problem solving.
**Sociology**

How does living in our society affect the way we behave? And why?

This course in Sociology at CAPE level aims to provide students with the necessary skills for an understanding of the structures, organization and development of societies particularly those in the Caribbean.

The study topics include:

- Culture and Identity
- Social stratification and Social Mobility
- Social institutions
- Health, welfare and poverty
- Power and politics.

Before you start:

It will help to have a CXC or equivalent in English, History or a Social Science.

This course will help you to:

- Understand the fundamental concepts in Sociology as a discipline
- Appreciate the cultural diversity of the Caribbean

**Biology**

Science plays a major role in the evolution of knowledge. The diverse forms of life, investigated and recorded by human society, have led to the development of a discipline known as Biology. This Biology course at CAPE level is designed to provide a coherent course of study which redresses, in addition to a specific knowledge base, the development of related skills and attitudes.

The study topics include:

- Biomolecules, Reproduction and Genetics
- Bioenergetics, Biosystems and Applications

Before you start:

Biology or Chemistry at CSEC level or equivalent.

This course will help you to:

- Acquire a body of knowledge and develop an understanding of biological concepts and principles.
– Recognize the scope of Biology from the molecular level to that of entire ecosystems.
– Develop an ability to apply biological knowledge and skills to relevant Caribbean situations and issues.

**Chemistry**

Chemistry principles are currently applied to societal concerns such as communicable diseases, environmental pollution and depletion of natural resources. As such, Chemistry is a major area of scientific study, which impinges on and influences every aspect of our daily lives.

This Chemistry course at CAPE level is designed to provide a coherent course of study, which addresses in addition to a specific knowledge base, the development of related skills and attitudes.

**The study topics include:**

– The Chemistry of Carbon compounds
– Analytical Methods and Separation Techniques
– Kinetics and Equilibria
– Industry and the Environment

**Before you start:**

Chemistry and Mathematics at CSEC level or equivalent

**This course will help you to:**

– Appreciate, understand and use scientific method in the solving of problems
– Recognize the power, impact and influence which Chemistry has in a modern scientist world.
– Contribute to making the Caribbean scientifically literate and numerate.

**Physics**

Physics is generally regarded as the most fundamental scientific discipline. The study of physics is necessary to explain our physical environment. In fact, this is the role of the laws and theories of Physics that influence every element of our physical existence. This Physics course at CAPE level is designed to provide a coherent course of study which addresses, in addition to a specific knowledge base, the development of related skills and attitudes.

**The study topics include:**

– Mechanics
– Waves
– Property of matter
– Electromagnetism
– Electronics
– Nuclear Physics
Before you start:

Physics and Mathematics at CSEC level or equivalent

This course will help you to:

– Develop an understanding of the scientific process and recognize its usefulness and its limitations
– Develop critical thinking, analytical and inquiry skills
– Gain appropriate scientific training for the purposes of employment, further studies and personal enhancement

**Spanish**

Through the study of the Spanish Language at CAPE, students develop a deeper understanding of themselves as members of the Caribbean community, which is multilingual, and multi-cultural.

The study topics include:

– El individuo, la familia y la vida diaria
– La sociedad y los asuntos sociales
– El medio ambiente

Before you start:

Spanish at CSEC or equivalent

This course will help you to:

– Acquire the necessary skills for collection, analysis and exchange of information, ideas and opinions in Spanish
– Communicate clearly and appropriately in Spanish with an educated native speaker

**French**

Through the study of the French Language at CAPE students develop a deeper understanding of themselves as members of the Caribbean community, which is multilingual, and multi-cultural.

The study topics include:

– L’individu, la famille et la vie journalière
– La société et les affaire sociaux
– L’environnement

Before you start:

French at CSEC level or equivalent
This course will help you to:

- Acquire the necessary skills for collection, analysis and exchange of information, ideas and opinions in French.
- Communicate clearly and appropriately in French with an educated native speaker

**Pure Mathematics**

Mathematics is one of the oldest and most universal means of creating, communicating, connecting and applying structural and quantitative ideas. The discipline of mathematics allows the formulation and solution of real-world problems as well as the creation of new mathematical ideas, both as an intellectual end in itself, but also as a means to increase the success and generality of mathematical applications.

This pure mathematics course at Advanced proficiency will provide students with more advanced mathematical ideas, skills and techniques and also encourage them to understand the concepts involved, why and how they ‘work’ and how they are interconnected.

**The study topics include:**

- Basic Algebra and Functions
- Geometry and Trigonometry
- Calculus I
- Calculus II
- Sequences, Series and Approximations
- Probability and Mathematical

**Before you start.**

You will need a reasonable standard of CESC or O’Level Maths:

This course will help you to:

- Develop mathematical thinking, understanding and creativity
- Develop the ability to use mathematics to model and solve real world problems
- Gain access to mathematics programmes at tertiary institutions

**Economics**

As well as being an enjoyable and often thought-provoking subject in its own right, A’ level Economics is a popular qualification both for higher education and with many employers. You will have the opportunity to learn about the latest economic theories and practices, and address many of the issues that feature in today’s news – such as the pressures on government borrowing, the causes of unemployment, and tackling Third World debt.
The study topics include:

- Economic concept
- Distribution of income
- Money and financial institutions
- International trade.

Before you start:

No previous knowledge of Economics is required, but it would be helpful to have studied Maths up to GCE/CXC level or equivalent. You will also need some basic essay-writing skills.

This course will help you to:

- Understand economic concept
- Assess the impact of economic policies on our daily lives

Psychology (Cambridge)
This new course brings a fresh approach to the study of psychology. You will learn about the science of the mind from a wide range of viewpoints, including child development, adult behavior, social forms and patterns, and individual differences.

The study topics include:

- Biopsychology
- Developmental psychology
- Social psychology
- Cognitive psychology
- Individual differences.

Before you start:

A general education up to CSEC level or equivalent

This course will help you to:

- Learn more about human behavior and how the mind works
- Use evidence to make objective assessments
- Gain a Psychology A’Level
Caribbean Studies
This interdisciplinary subject provides students with the opportunity to study issues relevant to the distinctive physical, political and socio-economic challenges facing the small states which comprise the region. Such study integrates perspectives from various disciplines including, sociology, history, international relations, government and politics, physical and human ecology, cultural studies and ethics as a tool for understanding Caribbean society and culture.

The study topics include:
- Caribbean Society and Culture
- Issues in Caribbean Development
- Investigating Human and Social Development in the Caribbean

Before you start:
No previous knowledge of Caribbean Studies is required, but it would be helpful to have studied English and Social Studies up to CXC level or equivalent. You will also need some basic essay-writing skills.

This course will help you to:
- Develop an understanding of the factors which influence the evolution of Caribbean society and culture
- Develop an awareness of how current global trends affect, and are affected by, the Caribbean region
- Analyze issues which are important to the development of the Caribbean region
- Encourage reflection on how factors which have shaped the Caribbean region have influenced their own lives and the lives of their communities
- Develop a respect for other cultures and for their contribution to the region's development
- Develop an appreciation of the importance of dealing justly and equitably with other groups and individuals
- Develop the capability to investigate and report on issues which provide a better understanding of the Caribbean region;
- Develop the ability to apply acquired skills and abilities in making decisions and responding to challenges in their personal lives

Communication Studies
The ability to communicate thoughts, emotions, ideas and attitudes is a critical factor in our management of the physical and social environment. Communications Studies provides students with the opportunity to respond creatively to the implied challenges, through the development of their communicative awareness and abilities.

The study topics include:
- Gathering and Processing Information
- Language and Community
- Speaking and Writing
Before you start:

No previous knowledge of Communications Studies is required, but it would be helpful to have studied English up to CXC level or equivalent. You will also need some basic essay-writing skills.

This course will help you to:

- Develop an understanding of the nature of language and its various functions in social, aesthetic, work-related and other contexts
- Develop an appreciation of speech and uniting as mental and social processes
- Enable students to use language registers accurately, appropriately and effectively in a range of contexts as specified above
- Provide an understanding of the use of technology and its impact on communication;
- Develop an appreciation of the role of language in shaping Caribbean cultural identity;
- Develop an appreciation of communication as a complex process within a wide range of discourse contexts;
- Encourage students to use communication strategies appropriate to specific discourse contexts

Food and Nutrition

In the light of increasing nutrition-related illnesses in the world, it is necessary to find new ways to empower individuals and communities to exercise control over their health. Proper nutrition practices hold the key to the prevention and treatment of the chronic degenerative diseases that affect families globally.

The study topics include:

- Principles of Nutrition and Health
- Food selection and Meal Planning
- Food preparation and Service: Principles and Methods
- Caribbean Foodways and Food Systems
- Food Science and Technology
- Food Preparation and Service: Large Quantity and Commercial

Before you start:

It would be helpful to have studied Food and Nutrition, or Biology, or Chemistry, or Integrated Science up to CXC level or equivalent. You will also need some basic essay-writing skills.

This course will help you to:

- Promote an understanding of the cultural, environmental, socio-economic and other factors that influence Food and Nutrition practices in the Caribbean
- Develop Food and Nutrition related skills and attitudes which will enhance the quality of life of peoples in the Caribbean
– Enable the making of informed choices regarding food consumption and physical activity patterns that contribute to optimal health, and prevention of disease
– Prepare students to take advantage of various career opportunities in the field of Food and Nutrition

**Environmental Science**
The environment and natural resource base of the Caribbean are critical for the welfare of Caribbean people. Natural Resource and environmental management and conservation are pre-requisites for sustainable development in the region. Achieving sustainable development requires an appreciation of the value of natural resources and the environment, and the development of the knowledge base and skills required for effective management. A firm grounding in these skills, knowledge and attitudes is provided through a study of Environmental Science.

**The study topics include:**

– Unit 1: Ecology, People and Natural Resource Use
  – Fundamental Ecological Principles
  – People and the Environment
  – Sustainable use of Natural Resources

– Unit 2: Agriculture, Energy and Environmental Pollution
  – Sustainable Agriculture
  – Sustainable Energy Use
  – Pollution of the Environment

**Before you start:**
It would be helpful to have studied Agricultural Science or Biology or Chemistry or Physics or Integrated Science up to CXC level or equivalent. You will also need some basic essay-writing skills.

**This course will help you to:**

– Stimulate interest in the environment
– Develop an understanding of the interdisciplinary and holistic nature of the environment
– Develop knowledge and understanding of environmental issues and principles and the ability to apply these to environmental management, particularly in a Caribbean context;
– Develop the ability to collect, collate, analyze and interpret environmental data
– Develop the ability to communicate environmental information and ideas logically and concisely in a variety of forms
– Provide an understanding of interactions between people and the environment
– Recognize and evaluate the socio-economic, political and ethical issues in Environmental Science
– Foster positive attitudes, values and commitment to identifying, solving and preventing environmental problems
Develop an understanding of how natural resources and the environment affect quality of life and the quest for sustainable development in the Caribbean.