

## **ACADEMIC PROGRAMS**

### **ASSOCIATES DEGREE IN GENERAL STUDIES, COMPUTER SCIENCE AND BUSINESS STUDIES.**

#### **General Core Courses -39 credit hours**

##### **English Grammar & Composition**

EGC 01  
EGC 02

##### **Communication Studies**

CSt 1.1 Gathering And Processing  
Information  
CSt 1.2 Language And Community  
CSt 1.3 Speaking And Writing

##### **Theology**

The 01

##### **College Algebra**

CA1 01

##### **Intermediate Spanish**

IS01

##### **Caribbean Studies**

CRS 1.1 Caribbean Society and  
Culture  
CRS 1.2 Issues in Caribbean  
Development  
CRS 1.3 Research Methods

##### **Ancient Civilization**

Introduction to Ancient Civilization  
(Mayas and Africans)

AnCiv01

(Except for Computer Science students)

##### **Intermediate Information Technology**

IT01

(Except for Computer Science students)

## **COMMUNITY SERVICE**

ComS01 – 1 credit hour

WJC aims to influence students towards positive Citizenship.

A period of Community Service must be done by all students in their Second Year of the 3 Yr. Associates Program.

- Duration: 15 hours in the second semester.
- Work can be done in groups
- Students will identify the area of service and get approval and guidance from the Dean.
- Students will present a portfolio of service work done by the end of the semester to the Dean.
- Guidelines for writing up the portfolio is available from the office.
- Students may be observed at random times during the program.

### **Electives 6 Credit Hours**

**General studies students may choose two, and computer science students may choose one of the following:**

- Web design and development WDD01
- Intro to Sociology Soc01

- Intro to Child Psychology ICP01
- Music – Theory and Practice MTP01
- Nutrition, Fitness and Health. NFH01
- Intro to Tourism ITou01

All Courses will not be available each semester.

**GENERAL STUDIES-  
PROFESSIONAL CORE-27 credit  
hours**

**Introduction to Teaching Methods**  
ITM01

**Environmental Science**  
ES1.1 Fundamental Ecological Principles  
ES1.2 People and the Environment  
ES1.3 Natural Resources

**Management of Business**  
MB 2.3 Small Business Management

**Sociology**  
Introduction to Sociology Soc01

**Law**  
LW1.1 Caribbean Legal System  
LW 1.2 Principles Of Public Law  
LW 1.3 Criminal Law

**TOTAL CREDITS HOURS=73**

**BUSINESS STUDIES-  
PROFESSIONAL CORE 33  
credit hours**

**Management of Business**

MB 1.1 Business and its Environment  
MB1.2 The Management of People  
MB 1.3 Business Finance and Accounting  
MB2.1 Production and Operations Management  
MB 2.2 Fundamentals of Marketing  
MB 2.3 Small Business Management

**Accounting**

AC 1.1 Accounting Theory, Recording and Control System  
AC 1.2 Preparation of Financial Statements  
AC 1.3 Financial Reporting and Interpretation

**Economics**

EC1.1 Methodology of Economics and Demand and Supply Analysis  
EC1.2/3 Market Structure and Market Failure /Distribution Theory and Application of Recent Theoretical Development

**TOTAL CREDIT HOURS=73**

**COMPUTER SCIENCE-  
PROFESSIONAL CORE 36  
credit hours.**

**Computer Science**  
CS 1.1 Computer Architecture and Organisation  
CS 1.2 Problem solving with Computers  
CS 1.3 Programming

CS 2.1 Data Structures

CS 2.2 Software Engineering  
CS 2.3 Operating Systems and Computer  
Networks

### **Information Technology**

IT 1.1 Information System

IT 1.2/3 Information Processing and  
Programming, and Communication skills

### **Statistical Analysis**

SA1.1 Collecting and Describing Data  
SA 1.2 Managing Uncertainty  
SA 1.3 Analyzing and Interpreting Data

### **Management of Business**

MB 2.3 Small Business Management

**TOTAL CREDIT HOURS =73**

### **PRELIMINARY COURSES**

**These courses are necessary to strengthen students' knowledge and skills in English Language and Mathematics before taking English Grammar & Composition1 or College Algebra. These courses do not count towards the Associates degree.**

English Language EL001  
Mathematics M001

**A.C.E. 1 Year Certificate  
Courses  
Adult Continuing Education**

### **CXC Courses ---1 Year**

CXC English Language (General  
Competency)EL001

CXC Mathematics (General  
Competency)M001

Computer Studies CS 001  
Personality Development PD 001  
Study Skills SS 001

To successfully complete this program, a student must earn a minimum of grade C in English Language and Mathematics, Study skills and Personality development. Students planning to go on to the associates program must also sit the ATLIB examinations.

This program is designed for:

- Students who desire to enter an Associates degree program but have not met the requirements to enter the Associate Degree program.

It allows students to sit the CXC examination in Mathematics and English at the General competency level.

- Persons who are working and wish to acquire CXC qualifications to enhance and improve their positions on the job.

**Computer Repair and  
Maintenance - 1 Year**

## **Course Description:**

This Course is designed to prepare students to learn how to

- Assemble a computer system
- Install computer components (such as Hard-Drive, Motherboard, Memory, CD drive, etc.)
- Install programs and software
- Install Operating Systems (such as Windows 98, 200, XP, Linux, etc.) Understand how the computer works.
- Troubleshoot hardware components
- Repair Intel-based personal computers.
- Setup networks
- Maintain a network.