



V **ECTOR TECHNOLOGY INSTITUTE**

(Registered by the University Council of Jamaica)

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General Information

No. of Credits: 60 credits

COURSE CODE: ACSF

COURSE NAME: ASSOCIATE DEGREE IN COMPUTER SYSTEMS TECHNOLOGY

DURATION: Day class : 2 years or 4 Semesters

DELIVERY METHOD: Day class - Monday – Friday 9:30am – 4:00pm

Evening class and/or Saturday class – Evenings @5:30 – 8:30pm

Saturdays @9:00am – 4:00pm

Fees: (See Payment plan schedule)

Courses:

Course No.	Course Name	Credits	Hours
DT01A	Introduction to Computer Systems Operations	3	45
DT02	Basic Electronics	3	45
DT03	Theory of Troubleshooting and Maintenance	3	45
DT04A	Applied Troubleshooting & Maintenance	3	45
DT05	Principles of Networks	3	45
DT07	Innovations & Developments	3	45
WIN20A	Windows 2000 Technologies	4	60
UNIX1	UNIX/LINUX Administration	3	45
NETW3	Network Switching	5	75
PR02	Programming Concepts (Visual Basic)	4	60
PR03	Systems Programming (C++ programming language)	3	45
DA10	Computer Applications Pt. 1 (Microsoft Word / Excel / Internet)	3	45
EM01	Maths & Statistics	2	30
S001	Research Techniques & Study Skills	1	15
S002	Basic Communication Principles	2	30
PR01	Information Technology in Business	2	30
B001	Ethics and Values in Business	2	30
B002	Project Management	3	45
DA20	Computer Applications Pt. 2 (Microsoft Powerpoint and Access)	3	45
B003	The Basics of Financial and Accounting Systems	2	30
EM02	Calculus	3	45
		60	900

Year 1

Semester 1:

- Introduction to Computer Systems Operations
- Basic Electronics
- Theory of Troubleshooting and Maintenance - Part 1
- Computer Applications – Part 1 (Microsoft Word, Excel, Internet Explorer)
- Maths & Statistics
- Research Techniques & Study Skills

Semester 2:

- Windows 2000 Technologies
- Applied Troubleshooting and Maintenance
- Programming Concepts (Visual Basic)
- Principles of Networks
- Information Technology in Business

Year 2

Semester 1:

- Calculus
- Basic Communication Principles
- Ethics and values in Business
- Project Management
- Computer Applications - Part 2 (Microsoft Powerpoint and Access)

Semester 2:

- Innovation & Developments
- Introduction to Unix/Linux System Administration
- Network Switching
- Systems Programming (C++ programming language)
- The Basics of Financial and Accounting Systems

Entry Requirements: *Full acceptance require a minimum of 5 subjects at the CXC level or equivalent. Courses in English Language and Mathematics are compulsory.*

Students with 4 subjects at the CXC level or equivalent may be accepted on a probationary basis under the conditions governing matriculation requirements of the College Policy.