



**BACHELOR OF INFORMATION TECHNOLOGY
(System Administration)**

COURSE BROCHURE

Bachelor of Information Technology (System Administration)

The Bachelor of Information Technology with specialization in system administration course is designed to focus on the use of network communication technologies, network security, and network administration.

In addition to provide knowledge and skills in relation to information and communication technology (ICT), this three-year degree course will provide training in the specialized hardware and networking skills that are required by employers in these areas.

Students will have access to practically implement, optimize and manage computer networks.

ENTRY CRITERIA

Successful Completion of Higher Secondary Education OR

Attainment of a Level 4 qualification in a related field OR

Attainment of a Level 4 Foundation Study Program approved for the specific Diploma program.

Completion of a Level 4 qualification (unrelated), and successful completion of an Cyryx University Preparation Program OR 20 years old, completion of secondary school, 2 years of relevant work experience, and successful completion of an Cyryx University Preparation Program

DURATION: 3 YEARS

CAREER OPPORTUNITIES

- Network Engineer
- System Administrator
- Network Administrator
- Telecommunication Officer
- ICT Manager
- Computer Technician

YEAR 1

- Introduction to Information Technology
- Financial Accounting
- Corporate Communication
- Discrete Mathematics
- Programming Principles
- Computer Networks
- Principles of Software Engineering
- Database Management System
- Introduction to Web Design

YEAR 2

- Programming in Java
- Windows Administration I
- Human Computer Interaction
- Leadership & Life Skills
- Research Methodologies
- Operating System Concepts
- Object Oriented Programming using C++
- Linux Administration I
- E-Commerce
- Project I

YEAR 3

- Advanced Computer Networks
- IT Project Management and Quality Assurance
- Windows Administration II
- Industrial Internship
- Cloud Computing Concepts
- Linux Administration II
- Fundamentals of the Constitution
- Project II



CONTACT US

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