



Certificate in Information Technology

Riara
University
nurturing innovators

SCHOOL OF
COMPUTING
SCIENCES

Overview

The Academic Certificate in Information Technology is designed to provide foundational knowledge and essential skills needed to pursue a career in IT. Comprising 12 comprehensive units, this program equips learners with a robust understanding of programming, networking, data structures, and more.

Who should take this course?

Ideal for individuals looking to start or advance their careers in the IT sector, this program is suitable for:

- Aspiring IT professionals
- Students pursuing other technical or engineering courses
- Current professionals seeking additional IT skills

What Will I Learn?

The curriculum is divided into 9 core units and 3 foundation courses spread over two trimesters, covering the following:

Trimester 1:

- IT Fundamentals (RCT 001)
- Fundamentals of Programming (RCT 002)
- Introduction to Digital Electronics (RCT 003)
- Data Structures and Algorithms (RCT 004)
- Computer Essentials I (RFC 111)
- Communication and Writing Skills (RFC 101)

Trimester 2:

- Data Communication and Networking (RCT 007)
- Introduction to Operating Systems (RCT 005)
- Web Applications (RCT 006)
- Computer Organization (RCT 008)
- Introduction to Databases (RCT 009)
- Entrepreneurship and Innovation (RFC 204)

Eligibility

The course is open to students who have completed their secondary education (KCSE or equivalent). It is also suitable for college students in Computer Science or related fields and practicing IT professionals.

Tuition Fee

8700 - core unit, 8000 - foundation unit

Mode of Delivery

The program is offered face-to-face during the day (8.00 am to 5.00pm).

Duration

6 Months: 2 trimesters

How to Apply

Applications for admission must be made using official application forms which can be collected from the Office of Registrar (Academic) or downloaded from the university's website. All duly filled application forms must be returned with the relevant copies of certificates.

Travelling to the University

Our university is conveniently located and accessible by various means of transportation. For air travel, Nairobi's JKIA is less than half an hour's drive from the campus. Driving from the Nairobi City Centre takes under 20 minutes through the Uhuru Highway and then into Mbagathi Road. For assistance with airport pickup, contact the University Dean of Students Office.

DISCLAIMER: Every effort has been made to ensure that information contained in this prospectus is accurate at the time of publication. However, Riara University reserves the right to make changes to the matters covered from time to time, both before and after a candidate's admission.

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