



Diploma in Computer Science

Riara
University
nurturing innovators

SCHOOL OF
COMPUTING
SCIENCES

Introduction

The Course Diploma in Computer Sciences (D.C.S) provides comprehensive training, majoring on computing, and information technologies concepts, well packaged for individuals interested in venturing into the ICT related careers. The course is well designed to offer a good combination of theoretical knowledge and practical skills, which are relevant and necessary in computing professions & technologies.

Who should take the course / Who is eligible to apply?

This Course Programme is ideal for students who wish to pursue or enter into the computing, Information and Communication Technologies (ICT), and their related professions.

The course is ideal for persons who may wish to acquire computing knowledge and skills, associated to modern day computing technologies. The course programme is sufficient to usher the learner into an IT career profession, in technology market space.

With the knowledge and technical skills, the learner obtain in the course, a successful graduate can be self-employed or engage in technology businesses as well.

Purpose of the Diploma Course / what will I learn?

This course programme is designed to provide necessary Knowledge & Practical Skills on General Computing technologies as well as information communication technologies. It will equip the learner with a comprehensive understanding of computer systems, hardware & software technologies, as well as the related information technology concepts.

Some of the concepts to be learned in the course, includes the following:

- ICT concepts and their applications.
- Computer programming concepts & Languages.
- Computer organization concepts.
- Object Oriented Programming.

- Digital and Analog Electronics Systems.
- Computer networking fundamentals.
- Web and application development.
- Information Management systems.
- Introduction to Operating Systems and Linux.
- Software systems design and development.
- Data-bases, Data structures and algorithms.
- Industrial Attachments / Internships.
- Hands-on practical projects in applications development.

Career Opportunities

Successfully graduates who have undertaken this course, can suitably work with various industries that need / require ICT services, like Government sectors, Telecommunications industries, Education sectors, Consumer services etc.

The programs is also very suitable for self-employment opportunities and innovative solution development.

Facilitation / Mode of Delivery

The programme is offered as regular day programme, during (8.00 am to 5.00pm) timing. The course involves regular class lectures, as well as practicals. Students are required to successfully complete 24 course units that includes internship, to graduate with a Diploma in Computer Sciences (D.S.C).

Admission Requirements

Admission Requirements for the Diploma Course Programme are as follows.

- A Mean grade of C (plain) in the Kenya Certificate of Secondary Education (KCSE), or its equivalent; or A IGCSE completed year 13 with minimum of C or
- An IB completed Grade 12 with minimum GPA of 3.00.
- A Pre-University certificate course, from Riara University or institution recognized by the University Senate.

Course Duration

The course takes two academic years to complete, with the academic programmes spread over Four Trimesters, and an internship for one more semester, to graduate with a Diploma in Computer Science (D.C.S).

Fees

Tuition fees per trimester is Ksh. 73,700, excluding statutory fees.

Statutory fees is Ksh 9000 (payable one time on admission), Kshs 5,500 (payable per academic year and Ksh. 11,200 (payable per semester)

Payment may be paid by direct deposit into RIARA UNIVERSITY Account at any branch of the following banks:

Kenya Commercial Bank, A/C No. 1132688035, Prestige Branch;

NCBA, A/C No. 6960380019, Upperhill Branch;

MPESA Paybill No. 805702.

Banker's cheques will be accepted. Cash, personal cheques and postal orders ARE NOT ACCEPTED.

Other Requirements

It is recommended for the students to have a personal computer (laptop).

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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