



Certificate in Ethical Hacking and Information

Riara
University
nurturing innovators

SCHOOL OF
COMPUTING
SCIENCES

Uniqueness of the Programme

Today's Information Age is characterized by the ability of organizations and individuals to instantly access and transfer information, something that was not possible to achieve in the past. However, the challenge of data and network security continues to be a concern to information technologists as they seek to protect an organization's information. To safeguard information, organizations utilize specialists who are skilled at identifying and responding to intrusive cyber-related attacks in order to effectively minimize damage or loss of information. The training equips learners with strong networking and system penetration skills to enable them perform system audits that may be used to assess an organization's cyber-related security challenges/vulnerabilities and the steps that may be taken to secure the systems.

Who should take this course?

This programme is ideal for those who intend to be proficient IT security professionals, networking professionals, web developers, network and systems administrators, software developers, database administrators, developers of business IT projects and applications, as well as technopreneurs. The training provides a solid foundation in security technologies and also is highly recommended for IT professionals serving in any industry and in government.

What will I learn?

To master hacking technologies, learners will be trained in the following units:

- Introduction to Information Security
- History of Hacking
- Desktop and Server Security
- Data Security
- Network Security
- Communication Security
- Web Security
- Vulnerability Assessment and Penetration Testing (VAPT)
- Protection from Server Attacks
- Information Security and Management Systems
- Cyber Law
- Cyber Forensics
- Cyber Terrorism
- Identity Theft
- Project

Who is eligible to apply?

The short professional course is suitable for students who have completed form four KCSE, or its equivalent. It is also suitable for college students who have taken or are taking Computer Science or IT related courses. It is also suitable for practicing professionals.

Tuition Fee

Tuition fees per trimester is Ksh. 50,000 /= excluding statutory fees.

Mode of Delivery:

Face to face

Duration

6 Months: 2 semesters

Travelling to Riara University

Riara University is accessible by many means of transportation. For air travel, it may be most convenient to use Nairobi's JKIA, located less than half an hour's drive from the University. The Wilson Airport is also located barely 15 minutes' drive away. Driving to the University from the Nairobi City Centre will take you just under 20 minutes through the Uhuru Highway and then into Mbagathi Road. Should you find any difficulty or need help with airport pickup, call the University Dean of Students Office for assistance or simply access the map online via [here](#)

How to Apply

Applications for admission to Riara University must be made using official application forms which can be collected from the Office of Registrar (Academic) or downloaded from www.riarauniversity.appliaction/form. All duly filled application forms must be returned with the relevant copies of certificates.

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.

School of Business
Riara University, Mbagathi Way
P.O. Box 49940-00100, Nairobi, Kenya
Tel. 0703 038 000/459
Email: info@riarauniversity.ac.ke
www.riarauniversity.ac.ke