



ROSEBANK
INTERNATIONAL
University College

SHORT
LEARNING
PROGRAMME



Introduction to Cybersecurity



COURSE OVERVIEW

In today's digital landscape, understanding and addressing cyber threats is more critical than ever. Our Basic Cyber Security Course is thoughtfully designed to introduce you to the modern challenges posed by cyber attackers. Through in-depth exploration of key topics like Malware, Phishing, and Network Security, this course serves as a vital foundation for anyone looking to strengthen their cybersecurity knowledge and protect digital assets.

More than just identifying threats, the course focuses on practical strategies and proven techniques to defend against them. By gaining these essential skills, participants will be well-prepared to secure digital environments and prevent malicious intrusions. Join us on this empowering journey and become a trusted guardian of cyber safety in our connected world.

LEARNING OUTCOME

By the end of this course, participants will be able to:

- Recognize and respond to a wide range of cybersecurity threats, including malware, phishing, and social engineering.
- Apply practical protection strategies across personal and organizational systems.
- Support business-level security through data protection, governance, and risk management practices.

COURSE DETAILS:

Topic 1 – Cyber Security Threats

- Introduction to Cyber Security
- Computer Viruses and Worms
- Trojan Horse and Spyware
- Hoaxes and Phishing Scams
- Mobile and Wireless Security Threats
- Remote Access Threats
- Social Media and Social Engineering Threats
- Online Scams

Topic 2 – Protection Against Cyber Security Threats

- User ID and Passwords Protection
- Home Computer and Information Protection with Firewalls
- Best Practices Against Malware, Computer Viruses and Worms
- Trojans and Spyware Protection
- Protection from Hoaxes and Phishing
- Mobile Devices and Wireless Protection
- Remote Access Protection with SSL
- Social Media and Online Scams Protection

Topic 3 – Security Management for Businesses

- Identify Organizations Assets from Cyber Attacks
- Secure Personal Data
- Secure Sockets Layer
- Security Governance
- Business Continuity Planning
- IDS/IPS Systems & Penetration Testing

Course Information

- **Course Fee:** GHS 2,000
- **Session (Days):** 2
- **Duration (Hrs):** 7.5 Hours
- **Level:** Beginner
- **Mode of Delivery:** In-person
- **Venue:** RIUC

Start Date: 11th November 2025

End Date: 12th November 2025



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