
Introduction to Cybersecurity

In partnership with:



FLATIRON SCHOOL

Introduction

Africa's top Tech Bootcamp, Moringa in partnership with Flatiron School designed this short course for complete beginners. No prior experience is required.

In this course, learners explore topics such as cyber threats, and cyber intelligence while gaining practical insight into governance, risk & compliance. At the end of the course, you will earn a certificate of completion from Moringa.

Why Learn Cybersecurity?

This course will take you from 0 to an experienced junior cyber specialist with industry relevant & practical skills.

01

Growing Demand for Cybersecurity Professionals

02

Foundation for Further Specialization

03

Career readiness

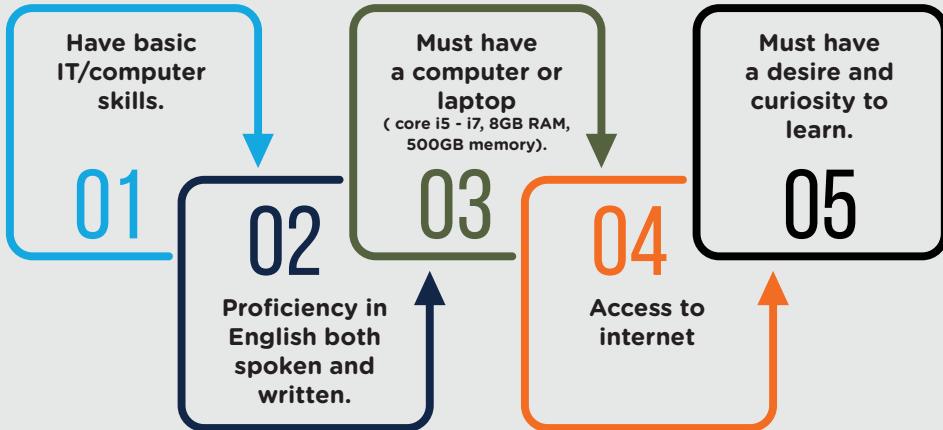
04

Upskilling in a new field

Who is this course for?

- High School Graduates:** Ideal for recent high school graduates looking to explore and gain early experience in a promising field.
- University Ongoing Students & Graduates:** seeking to bridge the gap between academic knowledge and practical, job-ready skills in cybersecurity.
- Anyone curious about cybersecurity**

What are the requirements to join?



Course Overview

Part-Time Online Classes

Duration: 11 weeks

Delivery: 100% live & online classes

Mon to Fri from
6 pm - 9 pm E.A.T

Tuition Fees: Ksh 40,000

Full-Time Online Classes

Duration: 5 weeks

Delivery: 100% live & online classes

Mon to Fri from
8 am - 5 pm E.A.T

Tuition Fees: Ksh 40,000

Fee Payment Options Available



Upfront Full Fee
Payment

Course Outline

Orientation & Onboarding

- Course Overview
- System configurations and installations
- Onboarding & Orientation

Introduction to Cyber Security

Build a strong foundation in cybersecurity by exploring key concepts, common threats, and the CIA Triad. Learn governance, risk, and compliance (GRC), security laws, and incident response planning, with hands-on exposure to AI tools like phishing simulators and policy chatbots.

Introduction to Operating System & OS Security

Understand Windows, Linux, virtualization, and system security fundamentals. Discover AI-enhanced endpoint protection, automated patching, and malware detection beyond traditional methods.

Fundamentals of Networking

Master networking concepts, including TCP/IP, OSI model, IP addressing, DNS, and traffic analysis with Wireshark. Explore AI-assisted network monitoring and intrusion detection.

Curriculum Outline

Cryptography Basics

Learn symmetric and asymmetric encryption, digital signatures, certificates, hashing, and public key infrastructure. Gain insight into cloud security and AI-supported key management and anomaly detection.

Threat Intelligence and Incident Response

Develop skills in detecting, analyzing, and responding to cyber threats. Cover incident response, system hardening, logging, and security awareness, with practical examples of AI-driven SecOps in real-world scenarios.

What are the outcomes?

Explore these career pathways in Cybersecurity at the end of the course

- Security Consultant
- Information security analyst
- Network Security Engineer
- Computer Forensics Investigator
- Ethical Hacker
- Security Software Developer

Contact Details



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