



CUNNINGHAM
UNIVERSITY COLLEGE
GHANA, CUCGH
Knowledge, Innovation, Impact
Gnósi, Kainotómia, Epídrasi

INFORMATION TECHNOLOGY

Training Diploma in Cybersecurity

Empowering Future Cyber Defenders



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About CUNNINGHAM UNIVERSITY COLLEGE GHANA

Cunningham University College Ghana (CUCGH) is a dynamic private higher education institution located in East Legon, Greater Accra Region, Ghana. Operating under the FAFALI GROUP, CUCGH is committed to delivering accessible, innovative, and globally relevant education tailored to meet the evolving needs of students in Ghana and the broader West African region.

CUCGH offers a diverse range of undergraduate and postgraduate programs designed to equip students with practical skills and theoretical knowledge. The curriculum emphasizes flexibility and accessibility, catering to both traditional students and working professionals. Postgraduate courses are typically delivered through weekend sessions, while undergraduate programs offer flexible scheduling to accommodate various learning needs.

In pursuit of academic excellence and international exposure, CUCGH collaborates with esteemed institutions such as Arden University, Success Point University ISB Institute Demontfort University, Westford University, Curtins University, Demont Institute Of Management and Technology, and ASTI Group of Institutions. These partnerships enable CUCGH to offer online programs supported by on-campus resources, allowing students to benefit from global curricula while receiving local academic support.

Situated in East Legon, CUCGH's campus provides a conducive learning environment equipped with modern facilities, including computer labs, internet access, and spaces for tutorials and academic support. The institution is dedicated to fostering a community that encourages innovation, critical thinking, and practical application of knowledge.



The driving force behind Cunningham University College Ghana (CUCGH) is its visionary FOUNDERS, Mercy & Peter —trailblazing entrepreneurs, global education advocates, and celebrated leaders. Since founding the FAFALI GROUP in 2020, Mercy and Peter have been on a relentless mission to bridge the gap between African talent and global opportunities.

Mercy is the recipient of the Best Young Female Entrepreneur Award in Dubai (2023) and was recognized as the Women Empowerment Candidate in Educational Development (2024). Under her leadership, while Peter was awarded the best international education executive by Manipal university in 2022

FAFALI GROUP has empowered hundreds of students, especially young women, through scholarships, mentorships, and academic pathways. Mercy & Peter's journey from Ghana to global impact is a story of resilience, innovation, and heart. They continue to inspire change with their strong belief that "education is not just a privilege—it is a passport to a better world."

CUCGH's mission is to empower students through education that combines knowledge acquisition, innovative thinking, and impactful application. The institution envisions producing graduates who are not only academically proficient but also capable of driving positive change in their communities and industries.



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ABOUT ISB, DUBAI

ISB Institute - Dubai, a premier vocational and training institute dedicated to providing quality education and training. Our institute offers a wide range of courses designed to equip students with the skills and knowledge needed to excel in their chosen field. With experienced faculty and state-of-the-art facilities, we strive to create a conducive learning environment that fosters growth and development.

Whether you are a recent graduate or a working professional looking to enhance your skills, ISB Dubai is the perfect place to start your journey towards a successful career. Contact us today to learn more!



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About the Training Diploma in Cybersecurity

Program Overview

Total Duration: 120 Hours | Certification: Certificate of Completion by ISB, Dubai

The Training Diploma in Cybersecurity at FAFALI SCHOOL OF IT is a professionally designed short course aimed at introducing individuals to the fundamentals of digital security in today's tech-driven world. Whether you're a student, professional, entrepreneur, or administrator, this program is crafted to equip you with essential cybersecurity skills to protect systems, data, and users in the digital space.

Through a balanced blend of instructor-led sessions and optional self-study modules, participants will explore core topics such as cyber threats, network and system security, cloud and mobile risks, identity access management, compliance, and incident response strategies.

This program offers flexible learning options (online, in-person, or hybrid) and emphasizes practical knowledge without the pressure of formal exams. Participants receive a Certificate of Completion, marking their successful engagement with one of the most in-demand skillsets of the modern era.

Join us and take the first step into a world of secure innovation and digital responsibility.

MODULE

Instructor-Led Sessions

Session 1

Introduction to Cybersecurity & Threats

- Fundamentals of Cybersecurity
- Common Threats: Malware, Ransomware, Phishing, DDoS
- CIA Triad (Confidentiality, Integrity, Availability)
- Notable Breaches: SolarWinds, Target, Equifax
- Key Frameworks: NIST, ISO 27001

Session 2

Network and System Security

- Firewalls, Antivirus, IDS/IPS
- Endpoint Protection, Patch Management
- Secure Network Design & Encryption (SSL, VPN, PKI)
- Hands-On with Tools: Wireshark, Nessus

Session 2

Network and System Security

- Cloud Models: SaaS, PaaS, IaaS
- Shared Security Responsibility
- Mobile Device Management & BYOD
- Identity & Access Management (IAM), MFA



MODULE

Instructor-Led Sessions

Session 4

Risk, Compliance & Incident Response

- Governance & Policy Essentials
- Risk Management & GDPR Basics
- 4 Phases of Incident Response
- Ethics in Cybersecurity

Theoretical - Study Learning Modules

Module 1

Cybersecurity Basics

Video: IBM – Cybersecurity Fundamentals

- **Article:** NIST Cybersecurity Framework

Module 2

Cryptography Simplified (2h)

- **Video Series:** Khan Academy – Cryptography
- **PDF:** What is PKI?

Module 3

OWASP Top 10 (2h)

- **Video:** OWASP Explained
- **Reading:** OWASP Top 10 (2021)

Module 4

Cloud Security Basics (2.5h)

- **Reading:** Microsoft & AWS Cloud Security
- **Video:** Google Cloud – Security Fundamentals



Module 5

Cybersecurity in Business

- **Report:** IBM – Cost of a Data Breach
- **PDF:** Deloitte – Cybersecurity for Business Leaders

Module 6

Careers & Certifications in Cybersecurity

- **Career Guide:** IBM – CompTIA Roadmap
- **Video Course:** Cybrary – Intro to Cybersecurity
- **Infographic:** Top Certifications (Security+, CEH, CISSP)

Why Enroll with FAFALI SCHOOL OF IT?

- Flexible Learning (Online, In-Person, Hybrid)
- Practical, Engaging Approach
- Global-Standard Curriculum
- Certificate of Completion
- Experienced Instructors & Real-World Insights

Career Pathways After Completing the Diploma in Cybersecurity

FAFALI SCHOOL OF IT equips you with foundational cybersecurity skills that open the door to a wide range of career opportunities in one of the fastest-growing industries in the world. Whether you're a student, professional, or entrepreneur, this training program gives you a springboard into the digital security field.



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Entry-Level Roles You Can Explore:

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- **Cybersecurity Analyst:**
Monitor systems and networks for security breaches, investigate incidents, and recommend improvements.
- **IT Security Support Specialist:**
Assist with basic security measures, user access controls, and support safe digital environments.
- **Security Operations Center (SOC) Analyst - Level 1:**
Be the first line of defense in monitoring and responding to real-time threats and alerts.
- **Technical Support with Security Focus:**
Provide helpdesk services while ensuring users follow best practices for secure computing.
- **Network Security Assistant:**
Help manage firewalls, intrusion detection systems, and secure network setups.

With Further Study or Certification, You Can Advance To:

- **Penetration Tester (Ethical Hacker):**
Test and identify vulnerabilities in systems and networks.
- **Information Security Officer:**
Oversee organizational policies, compliance, and cybersecurity strategies.
- **Cloud Security Specialist:**
Secure cloud infrastructure and manage access in environments like AWS, Azure, or Google Cloud.
- **Incident Response Analyst:**
Respond quickly and effectively to security incidents and breaches.
- **Cybersecurity Consultant:**
Advise organizations on security best practices, compliance, and risk mitigation.

Ideal for Individuals Who:

- ✓ Want to switch careers into IT or cybersecurity
- ✓ Work in IT support or administration and want to specialize
- ✓ Manage business data and need to understand risks
- ✓ Are students exploring future tech careers
- ✓ Want to launch cybersecurity-focused startups



Contact Details



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General Inquiries

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