IT AND CYBER
SECURITY

1 YEAR PROGRAM

STARTING FEBRUARY 2026

ENROLL TODAY!

CSI ACADEMY

Our courses combine essentials from both industry and academia to provide valid, unique, practical content that is innovatively presented via facilitated e-learning.

The **IT and Cyber Security Program** is a practical course consisting of course work and practical cyber range exercises.

Duration

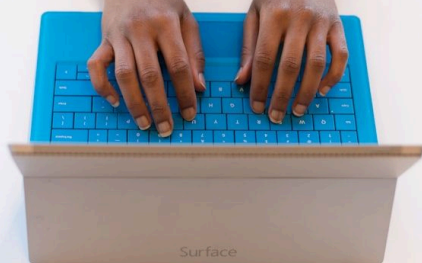February 2026 – December 2026

Mode Of Learning

Learning will be conducted through a facilitated online format, utilising an e-learning platform to provide an interactive and engaging educational experience. Additionally, hands-on practical sessions and virtual labs will be conducted offering participants the opportunity to apply theoretical knowledge in a real-world context. This blend of online facilitated learning and scheduled virtual sessions aims to create a comprehensive and dynamic learning environment, ensuring a well-rounded educational experience for participants.

The course also features a work readiness program which features a capstone digital project-based learning program. The syndicate-based project documents and presentations are evaluated by a panel of industry experts who provide guidance and mentorship to the students.

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Important Course Information

Certificates Issued:

Students will receive two certificates awarded and accredited by CPUT:
The Certificate in IT for Cyber Security
The Certificate in Cyber Security.

- Hard copies issued by CPUT (Cape Peninsula University of Technology)
- Digital certificates issued by CSI (Cyber Security Institute)

In addition:
Students will benefit from a series of live Masterclasses presented by industry experts on a wide range of IT and Security topics throughout the program.

Plus!
Students will have an opportunity to hone their technical and cyber security skills in gamified battlerooms and missions using the world class Circadence Cyber Range!

Finally...
We prepare you for those all important interviews, help you craft your CV and get yourself out there!

This comprehensive program not only provides academic credentials but also ensures practical skills development, certification preparation, and support for career advancement.

CSI
CYBER SECURITY INSTITUTE
Solutions ⊕ Advisory ⊕ Learning

IT Foundation for Cyber Security

- IT Hardware Fundamentals
- Network Fundamentals
- Introduction to Operating Systems (Windows and Linux)
- Introduction to Cloud Computing (Office 365 and MS Azure)
- Protocols
- Technical Research & Writing
- Algorithms and Problem Solving
- File and Database Systems
- Python
- Artificial Intelligence – Using LLMs and Prompts
- Soft Skills

Certificate in Cyber Security

- Cyber Security Fundamentals
- The Cybercrime Eco-System
- Actors in Cyber Space – State and Non-State Actors
- Cyber Incidents: Attacks, Breaches, and Espionage
- Understanding Tactics, Techniques, and Procedures (TTPs) using the Mitre Att&ck Framework
- Cryptography (Symmetric/Asymmetric/Hashes)
- Secure Protocols
- Reconnaissance and OSINT (Open-Source Intelligence)
- Cyber Security Frameworks and Standards: Introduction to the NIST CS Framework and ISO 27000 Series
- Cyber Risk Management, Cyber Governance, and the Implementation of Security Controls

Costing:
FULL PRICE R31 350

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Payment Option	Terms	Amount
Option 1	Payment in full before 20 February 2026	10% discount on full price
Option 2	**Payment in terms**	**Deposit of R10 000 before 20 February 2026. Payments are to be made as follows, R6,000 in March, R6,000 in April, R5,000 in May, and R4,350 in June.**