A·P·U
ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

TALENTBANK
EMPLOYERS' CHOICE 2026

\\ Practical Cybersecurity Skills

\\ Industry-Relevant Learning

\\ Upskill or Reskill for Cybersecurity Careers

\\ Career-Focused Programme

\\ Build a Foundation for Further Growth

\\ Practical Capstone Project

#1 in Employability Computing & IT

5 Consecutive Years 2022-26
- TALENTBANK

Graduate Certificate in Computer Science

(CYBER SECURITY)

apu.edu.my

Part Time
18 months

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Graduate Certificate in

COMPUTER SCIENCE (Cybersecurity)

(N/0688/7/0001)(08/28)(MQA/PA19056

Who should attend:

This programme is suitable for:

- **IT professionals, including those in IT support, networking and systems roles**, looking to strengthen their existing skills and expand their capabilities in cybersecurity.
- **Non-IT professionals** are looking to transition into the cybersecurity field.
- **Individuals with at least two years of working experience** seeking a practical foundation for **associate-level cybersecurity careers.**

Programme Fee: RM 15,000

Admission requirements

Minimum requirements for the programme:

- Pass in Sijil Tinggi Pelajaran Malaysia (STPM) with a minimum GPA of 2.0 in any 2 subjects or equivalent, AND have at least two (2) years of work experience in computing; OR
- Any Diploma with a minimum CGPA of 2.00 or equivalent, AND have at least two (2) years of work experience in comp.

English requirement

(For International Students only)

- Achieve a minimum of Band 3.5 in Malaysian University English Test (MUET) or equivalent to CEFR (High B1) or equivalent to IELTS: 5.0.

This programme is specially designed to provide:

- A practical and industry-focused programme designed for IT and non-IT professionals seeking to upskill or reskill in cybersecurity. Learners will develop essential knowledge and practical skills across cybersecurity fundamentals, network security, governance, threat management, security operations, incident response, and vulnerability assessment. Prospective students will also have the opportunities to obtain industry certifications throughout the programme.

Modules & Project

Pre-requisite modules

- Digital Infrastructure and Security
- Operating Systems and Virtualisation

Modules

- Cyber Security Fundamentals
- Cyber Security and AI Governance
- Network Protocols and Cloud Security
- Network Threat Management and Defense
- Security Operations Centre and Incident Response
- Vulnerability Assessment and Penetration Testing
- Capstone Project

Career options:

Career Opportunities - Graduates may pursue associate-level and junior roles in areas such as:

- **SOC Analyst**
- **Security Operations Associate**
- **Cybersecurity Analyst**
- **Network Security Associate**
- **IT Security Analyst**
- **Security Support Specialist**
- **Vulnerability Assessment Analyst**
- **VAPT Associate**
- **Junior Penetration Tester**
- **Incident Response Associate**
- **Digital Forensics Associate**
- **GRC Associate**
- **Information Security Compliance Associate**
- **Cybersecurity Compliance Associate**

The benefits of the programme:



Eligible to earn the following Cybersecurity Certifications :

ELITE Live SOC Certification

Certified Security Operations Centre (CSOC) / Certified Penetration Tester (CPT) / Certified Incident Handling and Network Security Analyst (CIHNSA)

Fortinet Network Security Expert Certifications (NSE 1 - NSE 4)

Rocheston Certified Cyber Security Engineer (RCCE)