



BANKING TALENT PROGRAMME

Professional Training



ECF on Cybersecurity (Core Level) (ACsP)

Advanced Certificate for ECF on Cybersecurity



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Special Package under Banking Talent Programme

A special package price of HKD5000 for Banking Talent Programme participants will cover the following:

- 1) One Training
- 2) One Examination
- 3) One Student Membership (until 28 Feb 2021)

**In order to obtain “Advanced Certificate for ECF on Cybersecurity”, participants are required to complete both training and examination.*

Training and Examination - Programme Structure

Programme Title	Training Duration	Examination Duration	Recommended Self Learning Duration
ECF on Cybersecurity (Core Level)	15 Hours	2.5 Hours	182.5 Hours

Certification

The Relevant Practitioners* in Cybersecurity sectors of the banking industry will be certified as an Associate Cybersecurity Professional (ACSP) at Core Level when they have successfully:

- completed the training programme; AND
- passed the examination

** Relevant practitioners are the persons engaged by authorized institutions undertaking cybersecurity roles.*

Enhanced Competency Framework for Banking Practitioners

With an aim to support capacity building and talent development for banking professionals, the Hong Kong Monetary Authority (HKMA) works together with the banking industry to introduce an industry-wide competency framework - Enhanced Competency Framework (ECF) for banking practitioners.

Under the industry-wide ECF for banking practitioners, the ECF on Cybersecurity was introduced which enables cybersecurity talent development and facilitates the building of professional competencies and capabilities of those staff engaged in cybersecurity related duties currently or in future.

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Qualifications Framework (QF) by HKCAAVQ

HKIB's "Advanced Certificate for ECF on Cybersecurity" has been quality assured by the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ) and are recognised under the Qualifications Framework (QF) as Specification of Competency Standards (SCS) based programmes and accredited at Level 4.

Programme Content Advanced Certificate for ECF on Cybersecurity

Learning Outcomes

Upon completion of the programme, candidates should be able to

- Describe the foundation of various network protocols and their hierarchical relationship in hardware and software.
- Apply the principles and knowledge of international standards to enhance network and system security.
- Apply cybersecurity related monitoring measures for managing different types of cybersecurity threats.
- Conduct a security incident response process and present an analysis of the results for management's review.
- Assess security risks in the cyber environment and IT systems by applying the IT Risk Management and Control principles.
- Conduct IT audits and security testing to assess cybersecurity risk protection.

Programme Outlines

- Enhance learners' comprehension of fundamental concepts, principles and theories in networking and cybersecurity which allow participants to apply in personal and work environment
- Acquire the knowledge of different aspects of cybersecurity:
 - Technical Foundation of Cybersecurity
 - Bank IT Security Controls
 - Cybersecurity Monitoring
 - Security Incident Response
 - IT Risk Management and Control
 - IT Audit
 - Security Testing
- Participants shall be able to identify potential security threats and apply early intervention to common cyber security problems