



香港學術及職業資歷評審局
Hong Kong Council for Accreditation of
Academic & Vocational Qualifications

SUMMARY ACCREDITATION REPORT

THE HONG KONG INSTITUTE OF BANKERS

LEARNING PROGRAMME ACCREDITATION

**ADVANCED CERTIFICATE FOR ECF ON
CYBERSECURITY**

NOVEMBER 2018

1. TERMS OF REFERENCE

1.1 Based on the Service Agreement (No.: VA891), the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ), in the capacity of the Accreditation Authority as provided for under the Accreditation of Academic and Vocational Qualifications Ordinance (Cap 592) (hereafter Ordinance), was commissioned by The Hong Kong Institute of Bankers (Operator) to conduct a Learning Programme Accreditation Exercise with the following Terms of Reference:

- (a) To conduct an accreditation test as provided for in the Ordinance to determine whether the programme of The Hong Kong Institute of Bankers (the Operator) meets the stated objectives and QF standard and can be offered as an accredited programme
- (i) Advanced Certificate for ECF on Cybersecurity
- (b) To issue to the Operator accreditation report(s) setting out the results of the determination in relation to (a) by HKCAAVQ.

1.2 The accreditation exercise was conducted according to the relevant accreditation guidelines referred to in the Service Agreement. A site visit took place on 4 October 2018.

2. HKCAAVQ'S DETERMINATION

Learning Programme Accreditation

2.1 HKCAAVQ has determined that the Advanced Certificate for ECF on Cybersecurity meets the stated objectives and QF standard at Level 4, and can be offered as an accredited programme with a validity period from 15 November 2018 to 14 February 2022.

2.2 Validity Period

2.2.1 The validity period will commence on the date specified below.

2.3 The determinations on the Learning Programme Accreditation are specified as follows:

Name of Operator(s)	The Hong Kong Institute of Bankers 香港銀行學會
Name of Award Granting Body	The Hong Kong Institute of Bankers 香港銀行學會

Title of Learning Programme	Advanced Certificate for ECF on Cybersecurity
Title of Qualification(s) (Exit Award(s))	Advanced Certificate for ECF on Cybersecurity
Primary Area of Study and Training	Business and Management
Sub-area (Primary Area of Study and Training)	Banking
Other Area of Study and Training	Not applicable
Sub-area (Other Area of Study and Training)	Not applicable
Industry	Banking
Branch	<ul style="list-style-type: none"> • Asset Management • Corporate / Commercial Banking • Investment Banking • Private Banking • Retail Banking • Treasury
QF Level	Level 4
QF Credits	20
Mode(s) of Delivery and Programme Length	Part-time, 3 months 200 notional learning hours (including 11.5 or 17.5 contact hours)
Validity Period	15 November 2018 to 14 February 2022
Number of Enrolment(s)	Eight enrolments per year
Maximum Number of New Students	Maximum of 40 learners per class Maximum of 8 classes per year
Specification of Competency Standards-based Programme	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specification of Generic (Foundation) Competencies-based Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Vocational Qualifications Pathway Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Notes to be indicated on the QR	Not applicable
Address of Teaching/ Training Venue(s)	3/F Guangdong Investment Tower, 148 Connaught Road Central, Hong Kong 香港上環干諾道中 148 號粵海投資大廈 3 樓

2.4 Recommendation(s)

HKCAAVQ offers the following recommendation(s) for continuous improvement.

Recommendations
<ol style="list-style-type: none">1. To ensure the assessments can effectively measure learners' attainment of the programme intended learning outcomes, the Operator should revise the existing guidelines to examiners and moderators by clearly specifying the requirements for setting assessment papers.2. The Operator should strengthen its support services to learners by enhancing the effectiveness of self-learning tools for learners to monitor their own progress and exploring remedial measures for those who are not able to attend the classes to ensure all learners are effectively guided and supported throughout the course of learning.3. The Operator should explore more formal and direct communication channels for facilitating interaction between trainers and learners outside classes in order to enhance the learning effectiveness.

- 2.5 HKCAAVQ will subsequently satisfy itself whether the Operator remains competent to achieve the relevant objectives and the Programme continues to meet the standard to achieve the relevant objectives as claimed by the Operator by reference to, amongst other things, the Operator's fulfilment of any conditions and compliance with any restrictions stipulated in this Accreditation Report. **For the avoidance of doubt, maintenance of accreditation status is subject to fulfilment of any condition and compliance with any restriction stipulated in this Accreditation Report.**

3. INTRODUCTION

- 3.1 The Hong Kong Institute of Bankers (the HKIB) was established in 1963 and became an independent organisation in 1995 through the support of local banks and financial institutions. The HKIB aims to serve the local banking community and the region in the provision of education and training programmes to banking practitioners for continuous and professional development.

4. PROGRAMME DETAILS

The following is the programme information provided by the Operator.

4.1 Programme Objectives

- To nurture a sustainable talent pool of cybersecurity practitioners for the banking industry. Candidates will learn the technical foundation of cybersecurity and the cybersecurity controls used in the banking environment. Also, candidates will be equipped with the essential knowledge and tools to gain a better understanding of computer security vulnerabilities and typical security pitfalls, enabling them to identify potential security threats and apply early intervention to common cybersecurity problems.

4.2 Programme Intended Learning Outcomes

- PILO-1: Describe the foundation of various network protocols and their hierarchical relationship in hardware and software
- PILO-2: Apply the principles and knowledge of international standards to enhance network and system security
- PILO-3: Apply cybersecurity related monitoring measure for managing different types of cybersecurity threats
- PILO-4: Conduct a security incident response process and present an analysis of the results for management's review
- PILO-5: Assess security risks in the cyber environment and IT systems by applying the IT Risk Management and Control principles
- PILO-6: Conduct IT audits and security testing to assess cybersecurity risk protection

4.3 Programme Structure

Programme Title / Topic	QF Level	Contact Hours	Self-study Hours	UoC Code	Notional Learning Hours	QF Credits
ECF on Cybersecurity <ul style="list-style-type: none"> • Technical Foundation of Cybersecurity • Bank IT Security Controls • Cybersecurity Monitoring • Security Incident Response • IT Risk Management and Control • IT Audit • Security Testing 	4	11.5 or 17.5	182.5 or 188.5	107405L5 107408L4 107409L4 107426L4 107427L4 106721L4	200	20
Total		11.5 or 17.5	182.5 or 188.5	/	200	20

4.4 Graduation Requirements

- Obtain 70% of the total marks in the written examination.

4.5 Admission Requirements

- A Bachelor's Degree in any discipline awarded by a recognised university or equivalent; OR
- An Associate Degree / Higher Diploma in a banking and finance, computer studies/science, information systems/technology discipline or equivalent; OR
- Relevant professional qualifications; OR
- Mature applicants with either
 - At least 5 years of work experience in banking and finance, information systems/technology or equivalent; OR
 - 2 years of work experience in banking and finance, information systems/technology with a recommendation from the employer; OR
- Registered HKIB student members or post-secondary full-time students of the stated Diploma or Degree programmes.

5. IMPORTANT INFORMATION REGARDING THIS ACCREDITATION REPORT

5.1 Variation and withdrawal of this Accreditation Report

- 5.1.1 This Accreditation Report is issued pursuant to section 5 of the AAVQO, and contains HKCAAVQ's substantive determination regarding the accreditation, including the validity period as well as any conditions and restrictions subject to which the determination is to have effect.
- 5.1.2 HKCAAVQ may subsequently decide to vary or withdraw this Accreditation Report if it is satisfied that any of the grounds set out in section 5 (2) of the AAVQO apply. This includes where HKCAAVQ is satisfied that the Operator is no longer competent to achieve the relevant objectives and/or the Programme no longer meets the standard to achieve the relevant objectives as claimed by the Operator (whether by reference to the Operator's failure to fulfil any conditions and/or comply with any restrictions stipulated in this Accreditation Report or otherwise) or where at any time during the validity period there has/have been substantial change(s) introduced by the Operator after HKCAAVQ has issued the accreditation report(s) to the Operator and which has/have not been approved by HKCAAVQ. Please refer to the '*Guidance Notes on Substantial Change to Accreditation Status*' in seeking approval for proposed changes. These Guidance Notes can be downloaded from the HKCAAVQ website.
- 5.1.3 If HKCAAVQ decides to vary or withdraw this Accreditation Report, it will give the Operator notice of such variation or withdrawal pursuant to section 5(4) of the AAVQO.

- 5.1.4 The accreditation status of the Operator and/or Programme will lapse immediately upon the expiry of the validity period or upon the issuance of a notice of withdrawal of this Accreditation Report.

5.2 Appeals

- 5.2.1 If the Operator is aggrieved by the determination made in this Accreditation Report, then pursuant to Part 3 of the AAVQO the Operator has a right of appeal to the Appeal Board. Any appeal must be lodged within 30 days of the receipt of this Accreditation Report.
- 5.2.2 If the Operator is aggrieved by a decision to vary or withdraw this Accreditation Report, then pursuant to Part 3 of the AAVQO the Operator has a right of appeal to the Appeal Board. Any appeal must be lodged within 30 days of the receipt of the Notice of Withdrawal.
- 5.2.3 The Operator should be aware that a notice of variation or withdrawal of this Accreditation Report is not itself an accreditation report and the right to appeal against HKCAAVQ's substantive determination regarding accreditation arises only from this Accreditation Report.
- 5.2.4 Please refer to Cap 592A (www.elegislation.gov.hk) for the appeal rules. Details of the appeal procedure are contained in section 13 of the AAVQO and can be accessed from the QF website at: www.hkqf.gov.hk.

5.3 Qualifications Register

- 5.3.1 Qualifications accredited by HKCAAVQ are eligible for entry into the Qualifications Register ("QR") at www.hkqr.gov.hk for recognition under the QF. The Operator should apply separately to have their quality-assured qualifications entered into the QR.
- 5.3.2 Only learners who commence the study of the named accredited learning programme during the validity period and who have graduated with the named qualification listed in the QR will be considered to have acquired a qualification recognised under the QF.

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