



香港銀行學會

The Hong Kong Institute of Bankers

# ENHANCED COMPETENCY FRAMEWORK on Fintech (ECF-Fintech)



Associate Fintech Professional



Certified Fintech Professional (Management)



Certified Fintech Professional (Specialist - AI and Big Data Stream)



Certified Fintech Professional (Specialist - Distributed Ledger Technology Stream)



Certified Fintech Professional (Specialist - Open Banking and API Stream)



Certified Fintech Professional (Specialist - Regulatory Technology Stream)

More programme details:



## 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.

The Hong Kong Institute of Bankers (HKIB) is the programme and qualification provider for the ECF-Fintech, with the following objectives:

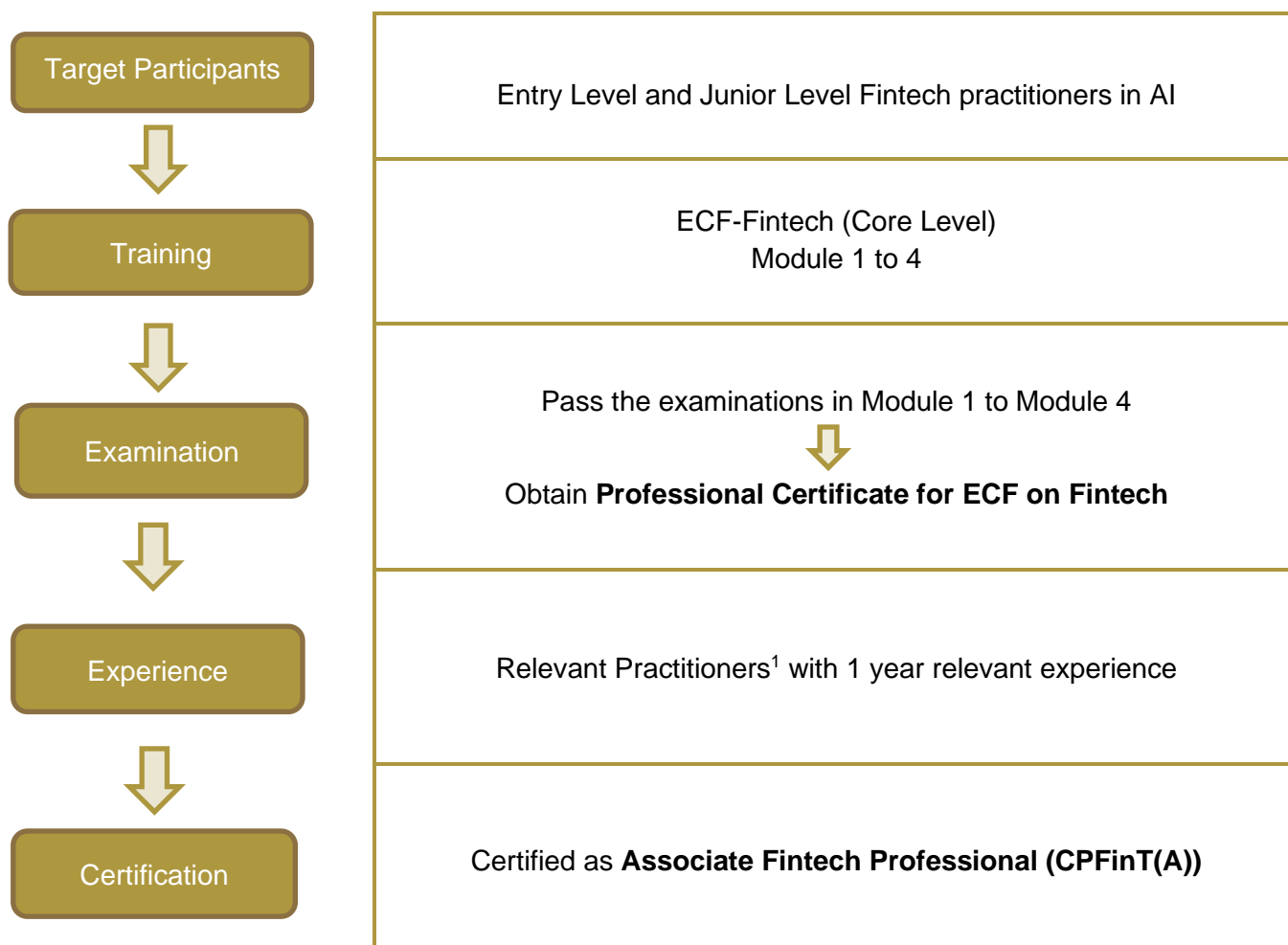
- To develop a sustainable Fintech talent pool for the banking industry; AND
- To raise and maintain the professional competence of Fintech practitioners in the banking industry.

## Overview of the Hong Kong Institute of Bankers

The Hong Kong Institute of Bankers (HKIB) has been serving the local banking community in the provision of professional training and certification services since 1963. HKIB is the first not-for-profit institution in Hong Kong to issue banking qualifications up to QF Level 6 under the HKQF, and was appointed by the Education Bureau as a Professional Qualifications Assessment Agency in August 2020. With an objective to maintain and further develop the territory's status as an international financial centre, the Institute works with the support of banks, regulators, financial institutions, academic institutions and various professional bodies to provide local banking practitioners with professional training and development opportunities.

In view of the changing landscape of the banking and financial services industry in Hong Kong and mainland China, as well as on a global scale, the importance of continuing to enhance the standards of professional development has gained increased attention. The HKIB endeavours to provide and enhance its training and development products in order to equip its members with essential knowledge and skills that meet the industry's needs.

## Becoming an Associate Fintech Professional (CPFinT(A))



### Certified Individual (CI)

CPFinT(A) holders will be registered as CI and included in a public register on HKIB website. The CI Register posted on HKIB website enables the public recognition of CPFinT(A) holders. To ensure your Professional Qualification reflected in the CI register, you are required to maintain a valid membership status with HKIB.

### Continuing Professional Development (CPD)

All CPFinT(A) holders are required to comply with the following annual Continuing Professional Development (CPD) requirements in order to maintain the Professional Qualifications.

1. Undertake a minimum of 12 CPD hours for each calendar year (ending 31 December), of which
2. At least four CPD hours should be on topics related to innovative technology (e.g. artificial intelligence, big data, cloud computing, cybersecurity, distributed ledger technology, and/or open banking and API), product development, business strategy and marketing, finance and investment, and/or risk and compliance.

For more details, please refer to Continuing Professional Development (CPD) Scheme on HKIB Website. (Home > Membership > Individual Members > HKIB CPD Requirements)

<sup>1</sup> Relevant Practitioners are Fintech practitioners performing functions that involve technological innovation for financial services in an AI in Hong Kong.

# ECF-Fintech (Core Level)

## Programme Content

### Module 1 – Technology Essentials

#### **Learning Outcomes**

Upon completion of this module, candidates should be able to:

- Analyse, evaluate and apply the fundamental technical concepts and principles of emerging Fintech topics to assist in Fintech solution development.
- Identify the recent and emerging Fintech trends and developments and common Fintech applications in banks.

#### **Module Outline**

- Introduction to Financial Technology (Fintech) and Regtech
- Fintech Trends and Developments
- Common Fintech Applications in Banks

### Module 2 – Banking and Risk Essentials

#### **Learning Outcomes**

Upon completion of this module, candidates should be able to:

- Differentiate between different banking product offerings and study the differences between retail banking, commercial banking, corporate banking, and institutional banking.
- Recognise expectations for competency of local Fintech talent and stay up-to-date on banking Fintech developments and adopt local and international Fintech regulations and government initiatives.

#### **Module Outline**

- Retail and Commercial Banking (Fintech-related applications)
- Corporate and Institutional Banking
- Contemporary Banking Trends
- Risk Management and Regulatory Compliance

### Module 3 – Fintech Practicum

#### **Learning Outcomes**

Upon completion of this module, candidates should be able to:

- Conduct business analytics, milestone monitoring, and stakeholder communication for Fintech projects.
- Apply the essential principles and industry standards of Fintech product design and development cycle fundamentals, including methodology selection and criteria evaluation.

#### **Module Outline**

- Business Analysis for Fintech Projects
- Fintech Product Design and Development
- Fintech Project Management and Reporting

### Module 4 – Fundamental Fintech Tools and Applications

#### **Learning Outcomes**

Upon completion of this module, candidates should be able to:

- Understand the fundamental concepts of financial technologies (i.e. artificial intelligence, data analytics, cloud computing and blockchain technologies) for Fintech applications in the banking industry.
- Apply appropriate tools, frameworks, programming techniques and services of financial technologies in various use cases in the banking industry.

#### **Module Outline**

- Tools and Applications for Artificial Intelligence and Big Data Analytics
- Tools and Applications for Cloud Computing
- Tools and applications for Blockchain and Distributed Ledger Technology

## Entry Requirements

The programme is open to both members and non-members of HKIB. Candidates must fulfil the stipulated minimum entry requirements with:

- A Bachelor's Degree in any discipline awarded by a recognised university or equivalent; OR
- An Associate Degree (AD)/Higher Diploma (HD) in a banking, finance and technology or related discipline or equivalent; OR
- A relevant professional qualification; OR
- Mature applicants with at least 3 years of relevant banking experience with recommendations from employer

### Remarks:

1. *Third or final year of full-time university undergraduate students in banking, finance, technology or related discipline will also be considered.*
2. *Mature applicants (aged 21 or above) who do not possess the above academic qualifications but with relevant banking experience and recommendation from their employers will be considered on individual merit.*

## Medium of Instruction

- Training is delivered in classroom setting in either Cantonese or English supplemented with English materials.
- All the examination questions are set in English only.

## Application

Applicants can submit their application via the electronic application form in HKIB webpage.

### Remarks:

*The programme information of ECF-Fintech (Professional Level) will be announced in due course.*

## General Enquires

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