



CERTIFIED CHARTERED FINANCIAL TECHNOLOGY PROFESSIONAL

Course	Financial Technology-FinTech
Instructor	Certified American Academy Instructor
Descriptions	Over the past decade emerging technologies, paired with massive changes in regulations, have driven an unprecedented transformation of finance around the world. This process is happening more rapidly in China and Asia than anywhere else. This course is designed to explore FinTech fundamentals and help make sense of this wave of change as it happens. New players such as start-ups and technology firms are challenging traditional players in finance, bringing democratization, inclusion and disruption. Companies engaged in social media, e-commerce, and telecommunications, as well as, companies and start-ups with large customer data pools, creative energies, and technical capacities, have brought competition to the existing financial infrastructure and are remaking the industry. These transformations have not only created challenges but also unprecedented opportunities, building synergies with new business and regulatory models, particularly in emerging markets and developing countries. To meet these changes, 21st-century professionals and students must be equipped with up-to-date knowledge of the industry and its incredible evolution. This course – designed by AAFM with the support of the International Business Standards IBS, and designed to enable learners with the necessary tools to understand the complex interaction of finance, technology and regulation. In this course, through a series of video lectures, case studies, and assessments you will explore the major areas of FinTech including, beginning with What is FinTech before turning to Money, Payment and Emerging Technologies,
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	Digital Finance and Alternative Finance, FinTech Regulation and RegTech, Data and Security, and the Future of Data Driven Finance, as well as, the core technologies driving FinTech including Blockchain, AI and Big Data. These will set the stage for understanding the FinTech landscape and ecosystem and grappling with the potential direction of future change. The AAFM[®] certification process, administered by GAFFM Board, identifies to the public that those individuals who have been authorized to use the AAFM[®] certification marks in the globe have met rigorous professional standards and have agreed to adhere to the principles of integrity, objectivity, competence, fairness, confidentiality, professionalism and diligence when dealing with clients. The course is enriched with actual financial technology case studies which are aimed toward the enhancement of participants knowledge and the financial planning insights, and capability to cope with professional certification.
Durations	4 Days
Objectives	Upon completing this course, the participants shall benefits of the training such as: • Have insights the major areas in FinTech, including Money and Payment, Digital Finance and Alternative Finance • Have the ability on Major technological trends, including cryptocurrencies, Blockchain, AI and Big Data • Familiar FinTech Regulation and RegTech • Have the insights on The fundamental role of Data and Security in data-driven finance • Have the ability in deducting the Business and regulatory implications of technology for the financial industry • Have the insights onHow regulations and RegTech are applied
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	• Ability to find Ways to analyse and evaluate what is driving technology innovation in Finance • How new technology impacts economies, markets, companies, and individuals are interacted • The ability to critically assess the future of the financial services industry, • through addressing complex problems and solutions related to the FinTech landscape • Prepared to take the certification and examination from AAFM and GAFM
Target Audience	Professionals who works in practice on financial industry, this highly interactive programme will be suitable for participants who want to be entrepreneurs, investors and even professional executives at start-ups. The target audience for the course can be: • Entrepreneurs • Academics • Corporate Executives from various Financial Services • Government Functionaries • Civil Society Members • Investors
Duration	4 Days
Course Descriptions Module 1 What is FinTech? FinTech Transformation FinTech Evolution 1.0: Infrastructure FinTech Evolution 2.0: Banks FinTech Evolution 3.0 & 3.5: Startups and Emerging Markets Industry Showcase: Collaboration between Financial Institutions and Startups FinTech Typology Emerging Economics: Opportunities and Challenges	
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From too-Small-To-Care to Too-Big-To-Fail

Introduction to Regulation

Industry Showcase: The Future of RegTech and 6 Technologies Impacting It

Module 2 Payments, Cryptocurrencies and Blockchain

Individual Payments

Developing Countries and DFS: The Story of Mobile Money

Developing Countries and DFS: Regulation of Mobile Money

RTGS Systems

The ABCDs of Alternative Finance

Building a New stack

Cryptocurrencies

Industry Showcase: Legal and Regulatory Implications of Cryptocurrencies

What is Blockchain?

Industry Showcase: The Benefits from New Payment Stacks (Applications of Ripple)

Module 3 Digital Finance and Alternative Finance

A Brief History of Financial Innovation

Digitization of Financial Services

FinTech & Funds

Industry Showcase: How AI is Transforming the Future of FinTech

Industry Showcase: Ensuring Compliance from the Start: Suitability and Funds

Crowdfunding – Regards, Charity and Equity

P2P and Marketplace Lending

The Rise of Chinese TechFins – New Models and New Products

What is an ICO?

Module 4 FinTech Regulation and RegTech

FinTech Regulations

Evolution of RegTech

RegTech Ecosystem: Financial Institutions

RegTech Ecosystem: Startups

RegTech Startups: Challenges

RegTech Ecosystem: Regulators

Industry Showcase: Use Case of AI in Smart Regulation and Fraud Detection

Regulatory Sandboxes

Smart Regulation

Redesigning Better Financial Infrastructure

Module 5 Data & TechFin

History of Data Regulation

Data in Financial Services

Industry Showcase: Application of Data Analytics in Finance

European Big-Bang: PSD2 / GDPR / Mifid2

Industry Showcase: PSD2: Open Banking API Will Help Startups

Industry Showcase: Methods of Data Protection: GDPR Compliance and Personal Privacy

Digital Identity

Change in mindset: Regulation 1.0 to 2.0 (KYC to KYD)

AI & Governance

New Challenges of AI and Machine Learning

Data, Metadata and Differential Privacy

Data is the New Oil: Risk of Breach

Industry Showcase: Cybersecurity Industry Update

Module 6 The Future of Data-Driven Finance

Case Study 1: Revolut

Case Study 2: Alibaba

Case Study 3: Aadhaar

Case Study 4: Credit Karma

Case Study 5: Digibank

Conclusion to Case Studies

FinTech Big Trends - Looking Forward