



RCADEMY
WORD OF LIFE

**BLOCK
CHAIN**

FINTECH, BLOCKCHAIN, AND CRYPTOCURRENCIES CERTIFICATION TRAINING COURSE



Web Page



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Register

Why select this training course?

Digital transformation is affecting all major banks, businesses, and financial institutions. Central banks are contributing to the research and development of blockchain and FinTech. Therefore, everyone must understand these emerging technologies and how they can best be used to survive this era. "Banking is necessary, but banks are not" Bill Gates, 1994. This Rcademy course will give participants insights into banking sector disruptors making banking dynamic and modern; it will fully analyse modern, more secure, and popular banking methods such as blockchain, cryptocurrencies, and FinTech.

What do we understand by FinTech, Blockchain, and Cryptocurrencies?

FinTech refers to integrating technology into financial services, creating new and improved financial products and services. Blockchain is a distributed ledger technology that makes transactions safe and clear without intermediaries. It is the technology behind cryptocurrencies such as Bitcoin. Cryptocurrencies are electronic or virtual tokens protected by cryptography and don't need a central bank. Bitcoin is the first and largest cryptocurrency, but thousands of different cryptocurrencies are now in circulation.

Why should we study FinTech?

There are several reasons why it is important to study fintech:

- The fintech industry is growing rapidly, and there is a high demand for professionals with the necessary skills and knowledge.
- Fintech has the potential to provide financial services to underserved populations who previously did not have access to them, promoting financial inclusion.
- Fintech is driving innovation in the financial sector, creating new products and services that make finance more accessible and efficient.
- The growth of fintech is having a significant impact on the global economy, and understanding its impact is important for economic analysis and decision-making.

This FinTech, Blockchain, and Cryptocurrencies Certification Training Course by Rcademy will enable participants to understand neuroscience and the use of data analytics in banking, cryptocurrencies, blockchain, fundamental basics of cryptography, digital ledger technology, and Bitcoin as a major player. The knowledge acquired will help answer the question of how cryptocurrencies will affect banking, why blockchain is good for business, and how to tap into the power of blockchain. This course is designed and developed to help participants

FinTech, Blockchain, and Cryptocurrencies Certification Training Course

understand how this will happen using various technologies and how these technologies work. It will give a clear insight into how FinTech, blockchain, and cryptocurrencies interact with banking, regulations, and financial systems.

Who should attend?

This FinTech, Blockchain, and Cryptocurrencies Certification Training Course by Rcademy is ideal for the following professionals:

- Central banks officers
- Financial technology solution providers
- Ministry of Finance officers
- Investment firms
- Regulators and authorities
- Financial institutions
- Insurance and treasury centres
- Securities and investment commissions
- Professionals seeking to understand blockchain and fintech
- Technical professionals such as business development managers, IT, and Finance
- Business owners

What are the course objectives?

The objectives of This FinTech, Blockchain, and Cryptocurrencies Certification Training Course by Rcademy are to enable professionals to:

- Explain blockchain, cryptocurrency, and the future of currency
- Discover threats that FinTech companies pose to the banking and financial industries at large
- Gauge the regulator's stance accurately
- Identify the risks and limitations of digital ledger technology
- Recognise the biggest competitor to the financial industry
- Explain the possibility of currencies existing without the involvement of banks
- Identify the threats cryptocurrencies pose to central banks
- Understand the technology behind blockchain and its benefits
- Determine the adequate use of bitcoin
- Differentiate between blockchain as technology and cryptocurrencies
- Describe blockchain as disruptive innovation and understand its potential for growth

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- Appreciate the required changes to the banking business model
- Learn from the sharing economy on which clients to target the future revenue stream
- Apply the "buy now, pay later" concept to your business

How will the course be presented?

Like all Rcademy courses, this training course will be facilitated by experts with vast experience. It will be presented in the following ways:

- Lecture notes
- Presentations
- Examples
- Demonstrations
- Assignments

General Notes

- All our courses can be facilitated as Customised In-House Training Courses
- Course duration is flexible, and the contents can be modified to fit any number of days
- Rcademy's Open Enrolment Courses allow clients to choose their preferred location, date and time. Our team of experts spread around the globe, will assist in facilitating the course
- The course fee includes facilitation, training materials, 2 coffee breaks, a buffet lunch and a Certificate of Successful Completion of Training
- FREE Consultation and Coaching provided during and after the course

What are the topics covered in this course?

01

Fintech Enablers And Disruptors

- Introduction to FinTech
- Growth of FinTech
- The digitalisation of the existing business model in finance
- The 4th industrial revolution
- Banking the future: the digitally enabled bank
- The early digital birds and their impact

02

Bitcoin, Compliance, And Security

- What is bitcoin?
- Choosing your bitcoin wallet
- Storing bitcoin safely
- Converting your bitcoins to Fiat currency
- How to send or receive bitcoin
- Assignment: setting up your wallet and transfer to peers
- Applications of distributed ledger technology
- Practical issues

03

Cryptocurrencies

- Cryptocurrencies
- Initial coin offerings
- Types of cryptocurrencies
- Security issues
- Macro side of cryptos
- Non-fungible tokens (NFT)
- Hot and cold wallets

04

Fintech As The New Disruptor

- The silent disruption
- How to regulate the FinTech industry
- AI and Machine learning
- Implications of FinTech for banks and financial services
- The digitalisation of the banking business model: the real disruption

05

Cryptography

- What is cryptography?
- Attacks and common mistakes
- Discrete probability
- Secure cypher
- Case study and example
- Block cypher
 - AES and other constructions
 - The data encryption standard
 - Many times key
- Message integrity
- Authenticated encryption
 - Pitfalls
 - Searching on encrypted data
 - Standard construction
- Basic key exchange
 - The Diffie-Hellman protocol
 - Arithmetic algorithms
 - Fermat and Euler
 - Public-key encryption
- Modular the roots
- ElGamal security
- Digital signatures

06

Financial Banking and FinTech

- Private banking and wealth management
- Commercial and corporate banking
- Asset and investment management
- Regulation and compliance
- Payments and correspondent banking
- Trading and investment banking
- Research and analysis
- Corporate finance and M&A

07

Data Analytics and Application

- Neuroscience
- Payment analytics
- The BIAN implementation journey
- Behavioural and engagement
- From fiat currencies to cryptocurrencies
- Mining
- How data analytics is used in cryptocurrencies

08

Overview

- Bitcoin best practices
- Why FinTech
- Decentralised finance
- Decentralised Autonomous Organisations
- Blockchain and Central banks
- Digital currency innovations
- Fundamentals and advanced practices in blockchain
- Financial institutions and technology
- Applications of FinTech
- Contemporary challenges in Finance and Banking
- Use cases in Banking and Finance

09

Digitalisation of Money

- Investing
- Money Transfer
- Risk management
- Trading and electronic trade execution
- Reporting and regulation
- Use of social media in digital money
- Liquidity management in digital money
- Asset liability management in the cryptocurrency era
- Payments and correspondent money handling
- Private banking and wealth management issues

FinTech, Blockchain, and Cryptocurrencies Certification Training Course

Classroom Schedules

CODE	DURATION	DATE	YEAR	VENUE	FEES
BFR28	3 Days	27 Mar - 29 Mar	2024	Dubai	£3300
BFR28	5 Days	01 Apr - 05 Apr	2024	Port Louis	£3950
BFR28	5 Days	24 Jun - 28 Jun	2024	Toronto	£4450
BFR28	5 Days	09 Sep - 13 Sep	2024	London	£4750
BFR28	5 Days	28 Oct - 01 Nov	2024	Houston	£4450
BFR28	10 Days	02 Dec - 13 Dec	2024	Nairobi	£7600

REGISTRATION DETAILS

LAST NAME: _____
FIRST NAME: _____
DESIGNATION: _____
COMPANY: _____
ADDRESS: _____
CITY: _____
COUNTRY: _____
TELEPHONE: _____
MOBILE: _____
FAX: _____
EMAIL: _____

AUTHORISATION DETAILS

AUTHORISED BY: _____
DESIGNATION: _____
COMPANY: _____
ADDRESS: _____
CITY: _____
COUNTRY: _____
TELEPHONE: _____
MOBILE: _____
FAX: _____
EMAIL: _____

PAYMENT DETAILS

- Please invoice my company
- Please invoice me

CERTIFICATION

Successful participants will receive Rcademy Certificate of Completion

4 WAYS TO REGISTER

Mobile: +44 20 3582 3235
Email: info@rcademy.com
Website: rcademy.com

TERMS AND CONDITIONS

- Fees – All course fees / invoices must be paid in full no later than 14 days prior to the start of the course. Your course is NOT confirmed until payment has been received. Each fee is inclusive of Documentation, lunch and refreshments served during the entire seminar.
- Mode of Payment – The delegate has the option to pay the course fee directly or request to send an invoice to his/her company/ sponsor. Bank Transfer, Paypal and cash payments are acceptable.
- Hotel Accommodation – is not included in the course fee. A reduced corporate rate may be available for attendees wishing to stay at the hotel venue. All hotel accommodation is strictly subject to availability and terms and conditions imposed by the hotel will apply.
- Certificate of Training – a certificate of training will only be awarded to those delegates who successfully complete/attend the entire seminar including the awarding of applicable Continuing Professional Education Units/Hours. Rcademy reserves the right to cancel or amend a course without penalty or compensation; we will provide you with 14 days written notice. Where possible Rcademy will offer you an alternative course / date / location, should the alternatives not be satisfactory you will be entitled to a full refund.
- Cancellation / Substitution – Request for seminar cancellation must be made in writing & received 14 days prior to the seminar date. A £250.00 processing fee will be charged per delegate for each cancellation. Thereafter, we regret that we are unable to refund any fees due, although in such cases we would be happy to welcome a colleague who would substitute for you. In the event of a course being cancelled, Rcademy will not be responsible for any losses incurred due to the cancellation of flights, accommodation.
- Force Majeure – any circumstances beyond the control of the Company may necessitate postponement, change of seminar venue or substitution of assigned Instructor. The Company reserves the right to exercise this clause and implement such amendments.

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Live Online Schedules

CODE	DURATION	DATE	YEAR	FEES
BFR28	5 Days	25 Mar - 29 Mar	2024	£1875
BFR28	5 Days	08 Apr - 12 Apr	2024	£1875
BFR28	5 Days	10 Jun - 14 Jun	2024	£1875
BFR28	3 Days	09 Sep - 11 Sep	2024	£1455
BFR28	5 Days	04 Nov - 08 Nov	2024	£1875
BFR28	5 Days	09 Dec - 13 Dec	2024	£1875

REGISTRATION DETAILS

LAST NAME: _____

FIRST NAME: _____

DESIGNATION: _____

COMPANY: _____

ADDRESS: _____

CITY: _____

COUNTRY: _____

TELEPHONE: _____

MOBILE: _____

FAX: _____

EMAIL: _____

AUTHORISATION DETAILS

AUTHORISED BY: _____

DESIGNATION: _____

COMPANY: _____

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