

# EC-Council Blockchain Fintech (BFC)

## Module 1: Introduction to Blockchain in FinTech

- Blockchain Basics and Financial Ecosystems
- Key Benefits of Blockchain in Financial Services
- Use Cases: Payments, Remittances, and Insurance

## Module 2: Blockchain for Payments and Transactions

- Designing Blockchain-Based Payment Systems
- Exploring Stablecoins and Central Bank Digital Currencies (CBDCs)
- Cross-Border Transactions and Remittance Models

## Module 3: Smart Contracts in Finance

- Writing Smart Contracts for Financial Operations
- Automating Loan Agreements and Insurance Claims
- Securing Financial Transactions with Smart Contracts

## Module 4: Decentralized Finance (DeFi)

- Introduction to DeFi: Lending, Borrowing, and Yield Farming
- Building DeFi Platforms on Ethereum
- Managing Risks and Compliance in DeFi Systems

## Module 5: Tokenization of Assets

- Creating Digital Tokens for Real-World Assets
- Exploring Security Tokens and Initial Coin Offerings (ICOs)
- Regulatory Aspects of Tokenized Assets

## Module 6: Blockchain in Banking and Investments

- Blockchain for Trade Finance and Asset Management
- Enhancing Transparency in Investment Portfolios
- Role of Blockchain in Peer-to-Peer Lending

## Module 7: Exam Preparation for BFC Certification

- Overview of the BFC Exam: Format and Key Topics

- Study Tips and Practice Questions
- Mock Tests to Assess Exam Readiness

### **Module 8: Capstone Project**

- Designing a Blockchain Solution for a Financial Problem
- Implementing Smart Contracts and Tokenization Strategies
- Presenting the Business Case for Blockchain in FinTech

### **Key Features of EC-Council Blockchain FinTech (BFC)**

- **Certification-Driven Program:** Includes exam voucher for the globally recognized BFC certification.
- **Industry-Relevant Curriculum:** Explore blockchain applications in payments, DeFi, and asset management.
- **Hands-On Learning:** Build smart contracts and FinTech solutions with blockchain.
- **Focus on Real-World Applications:** Practical insights into blockchain's role in banking, insurance, and investments.
- **Capstone Project:** Apply knowledge to design a blockchain-based FinTech solution.