

ATC-FIN-F: Fintech Foundation

Course Code: ATC-FIN-F

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

Fintech Foundations course is designed to introduce you to the fundamental building blocks of financial technologies and real-world applications through case studies. This course is a beginner level course and you don't need any background in finance or technology.

SKILLS COVERED

This course is intended for learners that have or wants to have a career in the digital financial industries. You'll learn about concepts such as

- Digital platforms and business ecosystems.
- Be exposed to the emerging Fintech landscape.
- Master a new toolbox for successfully competing on innovation in the digital era of finance.
- Learn the essential components of technology-driven financial strategies, from complex technologies to cryptocurrency to investment optimization.
- Learn how modern investment strategies deploy technology to produce optimal results.
- Explore the disruptive force of changing payment methods.
- Analyze the changing regulatory landscape, and gain an understanding of machine learning advising.
- Crowdfunding
- Peer-to-peer lending and blockchain.

WHO SHOULD ATTEND?

- Anyone who wants to start a career in fintech.
- Business analysts working in fintech or want to start a new role in fintech.
- Finance specialists who wants to know more about the technology.
- Anyone who works in financial technologies and want to get an overall view of the industry.
- Anyone who is interested in latest trends of financial technologies.
- Product Managers or Project Managers who manage fintech products.
- Entrepreneurs who plan to start a company in financial industry.
- CFOs and CTOs can also benefit from this course.
- Non-technical business executives who are tasked with making business decisions about leveraging blockchain technology in their businesses.

PREREQUISITES

There is no prerequisites required to attend this course.

MODULES

Module 1: Introduction to Financial Technologies

Module 2: AI and Big Data in Fintech

Module 3: In-depth knowledge on cryptocurrencies like Bitcoin

Module 4: Crowd-Funding and Business Financing

Module 5: Payments and Retail Transactions

Module 6: Trading and Investments

Module 7: Fintech Business Applications**Module 8: Blockchain**

- What is Blockchain
 - Technology Overview
 - History of Blockchain
 - Cryptocurrencies (Bitcoin) & Blockchain
- Non-Technical Technology Overview
 - Cryptography for Executives
 - Key Concepts
 - Public Ledgers
 - Hashes, Block Hashes
 - Distributed & Peer to Peer Technologies
 - Digital Tokens
 - Smart Contracts
 - Bitcoin Mining
 - Authorization & Authentication
 - Security
- Benefits of Blockchain – Myths & Facts
 - Value of Blockchain
 - Value of Smart Contracts
 - Role & Value of Digital Tokens
 - Common misconceptions about Blockchain
 - Limitations
- Use Cases
 - Digital Wallets & Payment Systems
 - Money Transfers
 - Transaction Tracking & Management
 - Record Keeping
 - Asset Management
 - Financial Settlements
 - Securities Transactions
 - Contract
- Industry Adoption
 - Who is using it and for what?

- Financial Services Industry
 - Banking Industry
 - Securities & Trading Industry
 - Real Estate Industry
 - Education
 - Technology Industry
 - Legal Industry
 - Insurance
 - Healthcare
 - Supply Chain
 - Manufacturing
 - Retail
 - Governments
- Implementation
 - Requirements Definition & Business Use Case
 - Proof of Concept Development
 - Tools & Technology Infrastructure
 - Deployment Strategy
 - Costs – What does it cost to use this technology
 - Future of Blockchain
 - What is its future
 - Industry by Industry Outlook

Module 9: Case Studies**END OF PAGE**