



FINANCIAL STANDARDS

Blockchain, Distributed Ledger Technology and Cryptoassets (1 Day)

In our program, professionals learn about Blockchain, Distributed Ledger Technology (DLT), smart contracts and cryptoassets, and how these underlying technologies can be applied to the enterprise. Topics include a comprehensive lecture on cryptoassets, including cryptocurrencies, their markets and the economics that support their use and value. We then conduct a deep dive on blockchain transaction mechanisms and smart contracts using professionally designed animations, group activities and a detailed enterprise grade platform demo. The course examines several use cases focusing on financial transactions and digital identity. The workshop concludes with an instructor-led group activity whereby the class is organized into smaller groups to create a use case applying DLT or smart contracts. Each group presents their work to the entire classroom for further discussion and improvement.

Learning Objectives

- Learn the foundations of blockchain and distributed ledger technologies.
- Understand cryptoasset and the economics that influence their value and adoption.
- Learn about smart contracts and how to build smart contract-based applications.
- Understand how blockchain technologies are used in specific use cases focusing on the payments ecosystem and other applications commonly applied in treasury management.
- Design a use case and smart contract with the benefit of an instructor-led group activity.

Agenda

1. Origins of Bitcoin and why it was created
2. The Satoshi Nakamoto whitepaper
3. Bitcoin, Distributed Ledger, Blockchain and Directed Acyclic
4. Dissecting a blockchain transaction
5. Network properties and consensus mechanism
6. Cryptoassets
7. Initial Coin Offerings and Tokenomics
8. Top 20 cryptocurrencies and their value proposition
9. Regulatory and Tax aspects of cryptocurrencies
10. Derivatives Markets
11. Smart Contracts
12. Three use case reviews
13. Building a Smart Contract
14. Platform Demo
15. Group activities / presentations

Registration

To discuss scheduling a course at your company or a workshop for your industry group, please send an email with your name, company and contact information to info@financialstandards.com.