

Blockchain Course Content

1. Intro to Blockchain and Cryptocurrency

- Internet of money
- Cryptography: consensus verification, proof of work
- Public vs. private Blockchain technology
- Valuation and Bitcoin
- Data blocks

2. Clearing and Settlement

3. Ethereum and Blockchain Platforms

4. Assets and Tokenization and the Value of the Blockchain

- Community currency
- Credits versus tokens

5. Your First Wallet and Intro to Blockchain API

- Algorithms
- Open source tools

6. Smart Contracts

- Regulation and legal frameworks
- Distributed ledger technology

- Ethereum, Scalability and distributed ledgers
- Consensus Protocols and Byzantine Fault Tolerance (BFT)

7. Regulatory Environment

8. Use Cases

- Social Good
- Other alternative uses
- Security

9. Security: Attacks and Trust-Less Networks

- DAO

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