



Blockchain Training: An Overview for Business Professionals

Course ID #: 5700-100-ZZ-W

Hours: 7

Course Content

Course Description:

This course provides general overview of Blockchain technology and is specifically designed to answer the following questions:

1. What is Blockchain? (What exactly is it?)
2. Non-Technical Technology Overview (How does it work?)
3. Benefits of Blockchain (Why should anyone consider this?)
4. Use Cases (Where and for what apps is it appropriate?)
5. Adoption (Who is using it and for what?)
6. Implementation (How do I get started?)
7. Future of Blockchain (What is its future?)

Topics:

Session One: What is Blockchain? (Duration 30-45)

- Technology Overview
- History of Blockchain
- Cryptocurrencies (Bitcoin) & Blockchain

Session Two: Non-Technical Technology Overview (Duration 60 minutes)

- Cryptography for Executives
- Key Concepts
- Public Ledgers
- Hashes, Block Hashes
- Distributed & Peer to Peer Technologies
- Digital Tokens
- Smart Contracts
- Bitcoin Mining
- Authorization & Authentication
- Security

Session Three: Benefits of Blockchain – Myths & Facts (Duration 60 minutes)

- Benefits of Blockchain – Myths & Facts
- Value of Blockchain

- Value of Smart Contracts
- Role & Value of Digital Tokens
- Common misconceptions about Blockchain
- Limitations

Session Four: Use Cases (Duration 90 to 120 minutes)

- When is it appropriate or not appropriate to use Blockchain
- Digital Wallets & Payment Systems
- Money Transfers
- Transaction Tracking & Management
- Record Keeping
- Asset Management
- Financial Settlements
- Securities Transactions
- Contracts

Session Five: Industry Adoption (120 minutes)

- Who is using it and for what?
Financial Services Industry
- Banking Industry
- Securities & Trading Industry



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- Real Estate Industry
- Education
- Technology Industry
- Legal Industry
- Insurance
- Healthcare
- Supply Chain
- Manufacturing
- Retail
- Governments

Session Six: Implementation (Duration 30 minutes)

- How do I get started?
- Requirements Definition & Business Use Case
- Proof of Concept Development
- Tools & Technology Infrastructure
- Deployment Strategy
- Costs What does it cost to use this technology?

Session Seven: Future of Blockchain (Duration 30 minutes)

- What is its future?
- Industry by Industry Outlook