



# Blockchain Business Foundations (CBBF)

## Course Overview

This course is designed for non-technical business professionals who require basic knowledge about Blockchain and how it will be executed within an organization. The affiliated exam is NOT appropriate for technology professionals seeking to gain deeper understanding of Blockchain technology implementation or programming.

### Roles and Responsibilities

**Blockchain Enthusiast:** Demonstrating a strong understanding of blockchain principles and its potential applications in business discussions.

**Blockchain Project Contributor:** Effectively participating in discussions and brainstorming sessions related to potential blockchain integration within an organization.

**Blockchain Technology Advocate:** Educating colleagues and stakeholders about blockchain technology and its potential benefits for the organization.

## Prerequisites

A person who holds this certification will have demonstrated their understanding of the following:

- Blockchain basics
- Why an organization should or should not use Blockchain
- How Blockchain works
- Implementing Blockchain in business
- Blockchain Use Cases

## Target Audience

- IT Leadership
- Key Business Managers
- CEO/CTO/CIO
- Network Operations
- Business Analysts
- IT Consultants
- Project Managers
- Systems Integrators
- Help Desk / Service Desk
- Managed Service Providers
- Solution Providers
- Sales Staff
- Government Officials

## Course Objectives

- What is Blockchain? (What exactly is it?)
- Non-Technical Technology Overview (How does it work?)
- Benefits of Blockchain (Why should anyone consider this?)
- Use Cases (Where and for what apps is it appropriate?)
- Adoption (Who is using it and for what?)
- Future of Blockchain (What is the future?)

## Duration

1 Day

## Certifications

Certified Machine Learning  
- Specialty

## Contact Us

800.674.3550

2151 W. Hillsboro Blvd.  
Suite 210  
Deerfield Beach, FL 33442

## Connect with us



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## Course Outline

### Session 1: What is Blockchain?

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

### Session 2: 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

### Session 3: Benefits of Blockchain - Myths & Facts

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

### Session 4: Use Cases

- 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 5: 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

### Session 6: 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 7: Future of Blockchain (Duration 30 minutes)

- What is its future?
- Industry by Industry Outlook

