

C o u r s e F e a t u r e s

Blockchain Technology & Cryptocurrencies Fundamentals

(1 day Instructor-Led Course)



Course Overview

The *Blockchain Technology & Cryptocurrencies Fundamentals* course (endorsed by IBTA) provides in-depth knowledge on how Blockchain and Cryptocurrencies work, thereby empowering business professionals to take advantage of the Blockchain revolution.

Participants will learn the Blockchain discipline of *Distributed Ledger Technology* from a vendor-neutral perspective. Blockchain is evolving very fast & is enabling businesses to build compelling solutions at a reduced cost. As enterprises struggle to identify the right talent to deploy in-house Blockchain-based projects, Blockchain skills are quickly becoming some of the world's most sought after skills.

Who Should Attend

This course has been structured by IBTA as an essential skills program thereby making it accessible for all levels within organizations:

- Cryptocurrency Enthusiasts
- Investment Bankers, Consultants & Advisors
- Engineering & Management Students
- Programmers & Developers
- Software Engineers & Application Architects
- CEO, CTO, CIO, CISO or any other CXO
- Operation Heads in Businesses
- Government Officials
- Security Professionals, Administrators
- Venture Capitalists, Angel & Seed Investors

Prerequisites

This course is designed for the student who has little or no experience.

What You Will Receive

Students will receive an official course manual for post class reference and review.

Certificate

Students will receive an *Official CBP/EduHACKSTT Course Completion Certificate*.

Course Syllabus

At a broad level, you will learn the following objectives:

- Introduction to Blockchain Technology
- Blockchain Core Components
- Blockchain vs Traditional Technologies?
- The Internet of Things (IOT) and the Internet of Value
- Benefits of Blockchain Technology
- Blockchain Immutability & The Immutable Ledger
- Cryptographic Hashing
- What is a Distributed P2P network?
- Learn How Mining Works
- What is Staking?
- Learn about Masternodes?
- Proof of Stake vs Proof of Work
- Byzantine Fault Tolerance & The Consensus Protocol
- BlockChain & Bitcoin
- What is a Cryptocurrency
- Cryptocurrency Exchanges & Wallets
- Sending & Receiving Cryptocurrency
- Security: Why BlockChain is Secure?
- Blockchain Hacking & Security
- Ethereum & Smart Contracts
- Emerging Technologies: NEO, EOS, WANCHAIN, CARDANO
- Obstacles to Mass Adoption
- Case Study: BlockChain & Supply-chain: Te-FOOD



About Instructor

EduHACKSTT has contracted IBTA Master Instructor, *Mr. Kirwin M. Narine* for our upcoming Blockchain class. Kirwin has been a Master Certified Novell Instructor, a Microsoft Certified Trainer and has pioneered Ethical Hacking and Digital Forensics training in the Caribbean. Kirwin also consults on several Blockchain projects around the world. EduHACKSTT is proud to have another globally recognized instructor assigned to this class.