

# Bitcoin, Blockchain, & Cryptocurrency / TD-CCI Certification

### Course Overview

Bitcoin, Monero, Blockchain, and Cryptocurrency: A Forensics Course for Investigators is a hands-on practical 5-day training program designed for investigators who want to significantly advance their knowledge of bitcoin, blockchain, cryptocurrency, its criminal applications, and forensic techniques.

For criminals, cryptocurrency is the ideal method to launder proceeds of illegitimate activities, used for money-laundering, tax evasion, drug trafficking, and extortion. Today's investigator must be experienced in exposing crimes involving cryptocurrency including money laundering, international fraud schemes, and the Dark Web.

Course participants will become proficient in Bitcoin and Altcoin basics, the Blockchain, cryptocurrencies wallets, exchanges, transactions, and the realities of anonymity in the cryptocurrency marketplace. Investigators will learn about device forensics (artifacts), tracking transactions on the Blockchain, seizing wallets, identifying the owner of a cryptocurrency wallet, and the legal issues regarding cryptocurrency.

The course will dig deep into the digital underworld of the Dark Web, the best methods for accessing and navigating, and Dark Web .onion cryptocurrency markets and criminal .onion sites. Cryptocurrency, its use and impact on money laundering schemes and terrorism will also be examined.

By the end of the 5-day hands-on course investigators will have the knowledge, skills, and many of the tools to significantly advance their digital forensics and investigative techniques to fight online crime and investment fraud.

---

### Course Type

Specialized

---

### Course Length

5 days

---

### Course Code

TD - CCI

---





## COURSE DESCRIPTION

### Primary Learning Modules

- Module 1: Comprehensive cryptocurrency overview
- Module 2: How to navigate the Dark Web safely and anonymously
- Module 3: Bitcoin and Altcoin basics
- Module 4: The Blockchain and How it is Used
- Module 5: How cryptocurrency is Mined
- Module 6: The realities of anonymity on the Dark Web
- Module 7: How to use Cryptocurrencies
- Module 8: Cryptocurrency wallets, exchanges, and transactions
- Module 9: Public Ledgers Vs Private Ledgers
- Module 10: Device forensics (artifacts)
- Module 11: Tokens and contracts
- Module 12: Tracking transactions on the Blockchain
- Module 13: Methods of seizing wallets; identifying its owner
- Module 14: Legal issues regarding cryptocurrency
- Module 15: Cryptocurrency use in money-laundering
- Module 16: Crypto-Cleaning Explained
- Module 17: Cryptocurrency use in tax evasion
- Module 18: Cryptocurrency use in drug trafficking
- Module 19: Cryptocurrency use in international fraud schemes
- Module 20: Cryptocurrency uses in extortion
- Module 21: Cryptocurrency uses in human trafficking
- Module 22: Darknet Marketplaces
- Module 22: Hidden Wikis
- Module 23: Escrow Resources
- Module 24: Monero overview
- Module 25: Criminal Activity related to Monero
- Module 26: Monero Mining
- Module 27: Monero Botnet
- Module 28: Linking & Tracing Monero
- Module 29: Monero Private Ledger
- Module 30: Live Exercises to enhance Understanding and Proficiency

### PREREQUISITES

To get the most out of this class, you should have minimal experience of forensic examinations.

### CLASS MATERIALS AND SOFTWARE

You will receive a student manual, lab exercises and other class-related material