

# € TRAINING

Bitcoin and Cryptocurrency Technologies





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## Introduction

Cryptocurrency courses offered through Coursera equip learners with knowledge in myths versus facts about the technology; key concepts of blockchain technology; investment options in cryptocurrency, Bitcoin is the name of the best-known cryptocurrency, the one for which blockchain technology was invented.

## Course Objectives

At the end of the course, participants will be able to:

- Have a strong understanding of what Cryptocurrency technology is.
- Understand what Bitcoin is and how it works.
- Know and use key vocabulary and concepts commonly used when discussing Cryptocurrency and Bitcoin in business situations.

## Targeted Audience

- There are no requirements needed to enroll beyond having a business interest in learning how Cryptocurrency and Bitcoin work.

## Course Outline

### Unit 1:

- Introduction to Crypto and Cryptocurrencies
- How Bitcoin Achieves Decentralization
- Different types of information in real-time to make the best Trading decisions possible

### Unit 2:

- Mechanics of Bitcoin
- Bitcoin protocol make the whole system tick
- Bitcoin's consensus mechanism and reason about its security

### Unit 3:

- How to Store and Use Bitcoins
- Bitcoin and Anonymity
- Community, Politics, and Regulation
- Alternative Mining Puzzles

#### Unit 4:

- Altcoins and the Cryptocurrency Ecosystem
- Bitcoin as a Platform
- Analyze historical performance to optimize your performance