



Preparing for the Certified Bitcoin Professional exam

We often get questioned about how one goes about preparing for the [Certified Bitcoin Professional](#) (CBP) exam. This isn't necessarily an easy question to answer, as everyone has their own learning styles, but we hope that these resources will offer some guidance.

First off, you should really look for bitcoin and cryptocurrency meetups in your area. If you search on [Meetup.com](#) or [bitcoin.it - Meetup](#) you can currently find over 550 different meetups across 350 cities. Most meetups are very welcoming and full of others who are eager to help share information and answer questions.

As for online resources, for each section below, we will list

some obvious ways of getting started (Searching!) as well as more specific articles. We will try to keep this updated moving forward but in no way should this be considered the ultimate resource. Many schools and sites will mature and cover these topics in more effective ways.

Also keep in mind that a number of these resources will provide information beyond the section they are found in, and beyond the scope of the Certified Bitcoin Professional. We will try to fix this over time as well.

While learning these topics, your goal should be to understand the topic well enough to explain it to another (i.e. what it is). Understanding the technical implementations is not necessary (i.e. how it works under the hood).

1. History of Money and Ledger-based Economics

- Centralized Ledgers
 - [DuckDuckGo - Centralized Ledgers](#)
- Functions of Currency
 - [DuckDuckGo - Functions of Currency](#)
- Distributed Consensus
 - [DuckDuckGo - Distributed Consensus](#)
- History of Bitcoin

- [DuckDuckGo - History Of Bitcoin](#)
- Price Derivation
 - [Bitcoin Explained in Layman's Terms - How Bitcoin is Priced](#)
- 2. Basic Cryptography (*Ok this gets a bit technical! Don't get discouraged*)
 - Terms and Definitions
 - [AspEncrypt.com - Crypto 101: Basic Terminology](#)
 - [Wikipedia - Cryptography - Terminology](#)
 - Hash Functions
 - [DuckDuckGo - Hash Functions](#)
 - Symmetric and Asymmetric Encryption
 - [DuckDuckGo - Symmetric Encryption](#)
 - [DuckDuckGo - Asymmetric Encryption](#)
 - Digital Signatures
 - [DuckDuckGo - Digital Signatures](#)
- 3. Bitcoin Basics
 - Bitcoin Community
 - [Bitcoin Book - Introduction](#)
 - Bitcoin Addresses and Keys
 - [bitcoin.it - Address](#)
 - [Bitcoin Magazine - What is an Address and how](#)

do you sign it?

- [Keys, Addresses and Wallets](#)
- Bitcoin Transactions
 - [Bitcoin Book - How Bitcoin Works](#)
- Bitcoin Blockchain Ledger
 - [Bitcoin.it - Transaction](#)
 - [Bitcoin Book - How Bitcoin Works](#)
- bitcoin the Unit
 - [Bitcoin.it - Bitcoin](#)
 - [Bitcoin Book - How Bitcoin Works](#)
- Bitcoin the Network
 - [Bitcoin Book - How Bitcoin Works](#)
- BIPs
 - [Github - Bitcoin Improvement Proposals](#)
- Buying and Selling bitcoin
- Blockchain Explorers
 - [Bitcoin.it - Block Chain Browser](#)
 - [HelloBlock](#)
 - [BlockExplorer.com](#)

4. Mining

- Purpose and Function
 - [Bitcoin.it - Mining](#)
 - [Bitcoin Book - Mining and Consensus](#)

- Algorithm
 - [Escape Velocity - Bitcoin Mining Explained Like You're Five: Part 1](#)
 - [Escape Velocity - Bitcoin Mining Explained Like You're Five: Part 2](#)
- Mining Pools
 - [DuckDuckGo - Bitcoin Mining Pools](#)
- Mining Hardware
 - [DuckDuckGo - Bitcoin Mining Hardware](#)
 - [DuckDuckGo - ASIC Mining Hardware](#)
- Security and Centralization

5. Wallets, Clients and Key Management

- Wallet Types
 - [Bitcoin Book - The Bitcoin Wallet](#)
- Bitcoin Clients
 - [Bitcoin Book - The Bitcoin Wallet](#)
 - [Bitcoin.org - Choose your Wallet](#)
- BIP: 32
 - [BIP: 32](#)
- BIP: 38
 - [BIP: 38](#)
- Backup

- [Bitcoin.it - Securing Your Wallet](#)
- Importing and Exporting
 - [Securing Your Wallet](#)
 - [BIP: 38](#)

6. Bitcoin Commerce

- Bitcoin as a Merchant
 - [Bitcoin.it - Merchant Howto](#)
- Bitcoin Payment Processors
 - BIP: 70
 - [BIP: 70](#)

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