BLOCKCHAIN ESSENTIALS CERTIFICATE

Program Description

Blockchain has recently become synonymous with cryptocurrency, but its applications go far beyond financial transactions. Companies in every industry are just now beginning to understand how to apply blockchain-based solutions to solve business problems. In this certificate series, you will delve into the world of blockchain technology and its cryptographic underpinnings to demystify the technology and the promise it holds for business. Learning from world-renowned blockchain experts from Cornell Tech, you will begin by studying how cryptocurrencies like Bitcoin make use of the blockchain to facilitate peer-to-peer digital transactions. Then, with a solid understanding of the mechanics of the Bitcoin blockchain protocol, you will discover the problems blockchain technologies aim to solve and determine how they can support your business goals. Ultimately, you will walk away with a proposal for an application of blockchain technology in your organization.

Key Takeaways

- Learn the mechanics of blockchain technology
- Understand applications and implications of blockchain for your business
- Identify key problems blockchain technology solves and how it solves them
- Discover the cryptographic underpinnings of blockchains
- Articulate the capabilities and practical application of blockchains/ digital ledgers
- Propose how digital signatures can be used in business applications
- Determine how blockchain technologies can support your business goals

What You'll Earn

- Blockchain for Business Certificate from Cornell Tech
- 40 Professional Development Hours (4 CEUs)

Who Should Enroll

- Business leaders
- Technology leaders, including CTOs
- Entrepreneurs
- Developers and software engineers interested in learning blockchain fundamentals
- Anyone seeking to develop a greater understanding of blockchain and cryptocurrency

Total Investment

- 3 months to complete all the courses

How to Enroll

For more information on how to enroll, please visit Blockchain Essentials Certificate (https://ecornell.cornell.edu/certificates/technology/blockchain-essentials/).

Courses

Code	Title	Hours
eCornell CTECH201	Cryptocurrencies and Ledgers	0
eCornell CTECH202	Cryptography Essentials	0
eCornell CTECH203	Blockchain Fundamentals	0
eCornell CTECH20	Applications of Blockchain Technology	0