Introduction to the Certified Blockchain Expert (CBE)

Certified Blockchain Expert

A Certified Blockchain Expert is a skilled professional who has thorough knowledge of what is Blockchain, how it works and also uses the same knowledge to build Blockchain-based solution for enterprises and businesses.

Certified Blockchain Expert credential certifies individuals in the Blockchain discipline of Distributed Ledger Technology from a vendor-neutral perspective.

The Purpose

Establish and govern minimum standards for credentialing Blockchain experts who specialise in enterprise development measures.

Inform the public that credentialled individuals meet or exceed the minimum standards.

Reinforce Blockchain expertise as a unique and self-regulating profession.

For Whom

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

Benefits of taking this Course

Prove your Blockchain skills & understanding.

Grasp a deeper understanding of Blockchain & how it works.

Build your own Blockchain solution for different business use-cases, with acquired knowledge.

Requirements to take this Certification

Basic knowledge of Computer Science.

Awareness of different blockchains like Bitcoin, Ethereum etc.

Motivation to acquire a profound understanding of Blockchain.

Recommended Experience

There is no such recommended experience required for getting this certification.

Duration for the Course

5-6 hours for the entire training.

1 hour for assessment exam.

Training will be online.

Training can be consumed as per candidate's availability & online speed.

Exam

There will be an online exam with multiple choice questions adding upto 100 marks followed by a training.

You need to acquire 60+ marks to clear the exam.

In case you fail the exam, you can retake the exam after 1 day.

You can take the exam for a maximum of 3 times.

If you fail to acquire 60+ marks even after 3 attempts, you will need to contact the Blockchain Council team to have manual assistance for clearing the exam.

Certificate

Course Content

Module 1: Introduction to CBE

Module 2: Introduction to Blockchain

- What is Blockchain?
- Why is Blockchain a Distributed, P2P Network?
- Blockchain Vs Cryptocurrency
- Types of Blockchain
- What Are Different Blockchain Technologies?
- Benefits of using Blockchain Technology

Module 3: Blockchain Ecosystem

- Merkle Tree and Hashing
- Blocks, Wallets and Addresses
- Public and Private Key
- Cryptography and Cryptographic Algorithms

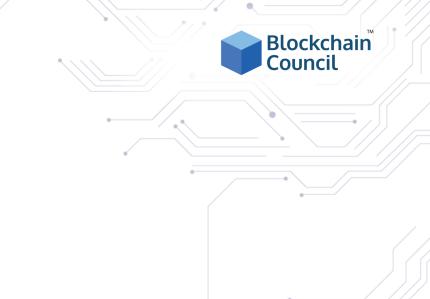# Course Content

Module 3: Blockchain Ecosystem

- Transaction Execution and Distribution
- Components of Blockchain Ecosystem
- Blockchain Architecture

Module 4: Blockchain Mining

- What is Blockchain Mining?
- Types of Mining
- Who are Miners?

Module 5: Security and Privacy

- What are Smart Contracts?
- What is Consensus?
- Types of Consensus Algorithms

Course Content

Module 6: Blockchain Solutions - Steps and measures

Module 7: Use Cases
- Blockchain use cases in Financial Sector
- Blockchain use cases in Business Sector
- Blockchain use cases in Government & Public Sector
- Blockchain use cases in other Industries

THANK YOU!

Any questions?

Visit
community.blockchain-council.org

You can also mail us at
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