EC-Council Blockchain Business Leader (BBLC) + Exam voucher

Duration: 3 Days **Course Code: EBBLC** **Delivery Method: Virtual Learning**

Overview:

The BBLC course aims to teach business leaders how to use blockchain technology to improve business operations by equipping them with technical knowledge and handson experience with blockchain technologies. The curriculum covers Ethereum and Bitcoin in detail, in addition to issues such as blockchain security and Blockchain as a Service (BaaS).

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Business leaders at all levels, from mid-level managers to senior executives who want to incorporate blockchain technology into their organization.

Objectives:

- The structure and elements of a blockchain network, including how decentralization works
- Hashing and consensus algorithms and their role in blockchain networks, including proof-of-work (PoW) and proof-of-stake (PoS) consensus mechanisms
- Digital currencies, including different types of cryptocurrency assets, the tokenization process, and how leading cryptocurrencies (e.g., Bitcoin, Altcoin, Litecoin, Zcash) work
- The benefits of using blockchain technology and how to determine whether blockchain is the right solution for your business
- Initial coin offerings (ICOs) vs. initial public offerings (IPOs)
- Securitization of physical assets
- Blockchain scalability issues and how to resolve them
- How to design blockchain-based identity solutions
- Blockchain use cases in supply chain management, energy, shipping, healthcare, and decentralized storage platforms
- The basics of how Solidity and Ethereum work and the elements of the Ethereum ecosystem
- How to create private blockchain networks using Ethereum
- The structure and components of the Bitcoin network and how it works
- Bitcoin cryptomining and its relation to PoW consensus mechanisms
- Bitcoin’s limitations, variants, and clients
- How to build secure smart contracts, including vulnerabilities in smart contracts and how to mitigate them
- Formal verification of smart contracts
- Privacy and confidentiality in blockchains
- Blockchain as a Service
- Permissioned and permissionless blockchains
- The basics of the Hyperledger Fabric framework
- Introduction to blockchain projects (including Fabric, Iroha, Burrow, and Indy)
- Decentralized autonomous organizations (DAOs)

Prerequisites:

Candidates must have:

- General awareness of business management processes
- Basic knowledge of computers
- Access to a Linux machine that can be configured as a virtual machine

Content:

Module 1: Introduction

Module 2: Financial Applications

Module 3: Cryptocurrency Assets

Module 4: Blockchain Project Implementation

Module 5: Bitcoin

Module 6: Blockchain as a Service (BaaS)

Module 7: Security in Blockchains

Module 8: Ethereum

Module 9: Open Source

Module 10 Decentralized Apps (dApps)

Module 11: Scalable Blockchain

Module 12 Industry Use Cases

- Module 13: The Internet of Things and Blockchain

Additional Information:

Benefits of the Blockchain Business Leader Certification The BBLC program gives a comprehensive look into the inner workings of blockchain technology and how it applies to multiple industries like healthcare, the food supply chain, shipping, and more. The course is replete with assignments and alternative testing methods to keep students engaged in topics beyond the program. The curriculum is designed and endorsed by bestselling authors and subject matter experts in the blockchain field. The program offers practical advice on how and when to use blockchain in any industry. Our beginner-friendly course does not require any technical prerequisite knowledge of blockchain or cryptocurrencies.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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