EC-Council Blockchain Business Leader (B|BLC) + Exam voucher

Varighed: 3 Days   Kursus Kode: EBBLC

Beskrivelse:

This EC-Council Blockchain Business Leader (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).

Målgruppe:

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

Agenda:

- 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)

Forudsætninger:

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

Indhold:

Module 1: Introduction	Module 6: Blockchain as a Service (BaaS)	Module 11: Scalable Blockchain
Module 2: Financial Applications	Module 7: Security in Blockchains	Module 12: Industry Use Cases
Module 3: Cryptocurrency Assets	Module 8: Ethereum	Module 13: The Internet of Things and Blockchain
Module 4: Blockchain Project Implementation	Module 9: Open Source	
Module 5: Bitcoin	Module 10: Decentralized Apps (dApps)	

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.

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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