Blockchain Business Leader Certification Version 3

EXAM BLUEPRINT

EC-Council

Official Curricula

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(Version 3)

Exam Blueprint

Domain	Sub Domain	Description	Number of Questions	Weightage (%)
1. Blockchain Foundations and Security	Blockchain Fundamentals for Business	▪ Fundamental Concepts and Working Principles of Blockchain Technology ▪ Blockchain Architecture and its Core Components ▪ Bitcoin Blockchain Architecture ▪ Blockchain's Business Advantages and Limitations ▪ Blockchain-Enabled Business and Revenue Models	6	17%
	Cryptography and Security in Blockchain	▪ Cryptographic Principles and Their Role in Blockchain ▪ Advanced Cryptographic Mechanisms in Blockchain Security ▪ Blockchain Wallets and Key Management Techniques ▪ Common Threats and Implement Blockchain Security Best Practices ▪ Incident Response and Risk Mitigation	7	
2. Blockchain Infrastructure and Technology	Blockchain Consensus, Cryptomining, and Token Economics	▪ Blockchain Consensus Mechanisms and Their Applications ▪ Cryptomining Concepts	8	26%

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		▪ Foundations of Tokenization ▪ Types of Tokens and Digital Assets ▪ Token Issuance, Token Economics, and Market Dynamics		
	Ethereum and Smart Contracts	▪ Ethereum Architecture and Transaction Lifecycle ▪ Key Concepts of Ethereum Smart Contracts ▪ Smart Contract Requirements and Architecture	6	
	Blockchain Platforms and Ecosystem	▪ Fundamentals of Enterprise Blockchain ▪ Enterprise Blockchain Platforms and Frameworks ▪ Platform Selection, Interoperability, and Scalability ▪ Blockchain Consortia and Collaborative Networks	6	
3. Decentralization and Business Integration	Decentralized Applications (dApps) and Business Automation	▪ Smart Contracts and dApp Design for Business ▪ Building and Scaling dApps with AI and Smart Contracts ▪ Security and Compliance in Smart Contracts ▪ Business Impact and Strategy for dApps	6	24%
	Business Use Cases and Industry Applications	▪ Blockchain Applications Across Key Industry Sectors ▪ Tokenization of Assets and NFT-Based Business Models	5	
	Blockchain in Trade Finance	▪ Role of Cryptoassets and Cryptocurrencies in Trade Finance ▪ Ripple and XRP for Real-Time Cross-Border Trade Finance ▪ Blockchain Applications and Use Cases in Trade Finance ▪ AI-Driven Innovations in Blockchain-Based Trade Finance	6	

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4. Governance, Compliance, and Emerging Models	Blockchain Governance, Regulation, and Compliance	▪ Governance Models for Blockchain Networks ▪ Regulatory Compliance and Legal Frameworks in Blockchain ▪ Risk Management Strategies and Compliance Mechanisms in Blockchain	6	16%
	DeFi, NFTs, and Web3 Business Models	▪ Decentralized Finance (DeFi) Applications and Ecosystem ▪ Structure, Lifecycle, and Legal Considerations of NFTs ▪ Principles of Web3 and the Role of DAOs	6	
5. Strategic Execution and Innovation	Advanced Blockchain Concepts and Future Innovations	▪ Innovations in Blockchain Architecture and Smart Contract Platforms ▪ Innovations in Consensus Protocols, Scalability Solutions, and Ledger Designs ▪ Advances in Privacy, Security, and Formal Verification Mechanisms ▪ Cross-Chain Communication and Interoperability Protocols ▪ Innovative Blockchain Integrations for Emerging Technologies ▪ Future Trends and Strategic Leadership in Blockchain	6	17%
	Enterprise Blockchain Strategy and Implementation	▪ Strategic Planning Skills for Enterprise Blockchain Adoption ▪ Blockchain Implementation Roadmap and Organizational Alignment ▪ Key Performance Metrics, ROI Models, and Innovation Roadmaps ▪ Executive-Level Blockchain Strategy from a C-Suite Perspective ▪ Capstone Project - Build and Present Blockchain Solutions for Enterprise Success	7	

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