Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Bitcoin+ Everyone™

CODE:	LENGTH:	PRICE:
AIC_BC-900	6 Hours	£150.00

Description

Demystify Bitcoin: Simple, Accessible, Essential for All

- **For All Learners**: Designed for investors, professionals, and enthusiasts
- **Comprehensive Curriculum**: Covers history, transactions, security, and economics of Bitcoin
- **Global Financial View:** Understand Bitcoin's role in global markets and future outlook
- **Regulatory Clarity**: Navigate the regulatory landscape with ease

At a Glance: Course + Exam Overview

- **Included:** Self-paced course + Official exam + Digital badge
- **Delivery:** Projects & case studies
- **Outcome:** Industry-recognized credential + hands-on experience

The following tools will be explored in this course:

- 99Bitcoins
- BlockCypher
- Bitcoin Dev Kit (BDK)
- Statoshi.info

What's Included (One-Year Subscription + All Updates):

- High-Quality Videos, E-book (PDF & Audio), and Podcasts
- AI Mentor for Personalized Guidance
- Quizzes, Assessments, and Course Resources
- Online Proctored Exam with One Free Retake
- Comprehensive Exam Study Guide
- Access for Tablet & Phone

Objectives

- Bitcoin Mechanics
- Practical Bitcoin Use
- Bitcoin's Economic
- Legal Landscapes
- Securing Bitcoin Transactions

Audience

- **Business Leaders, Managers, and Executives**: Leaders seeking to leverage blockchain for business strategy and efficiency.
- **Financial Professionals:** Finance experts needing to understand blockchain's impact on transactions and investment.
- **Entrepreneurs and Start-up Founders**: Innovators looking to integrate blockchain into new business models.
- **Investors and Traders**: Market professionals interested in blockchain's effects on trading and investment.
- **IT and Technology Professionals:** Tech experts aiming to explore blockchain's technical aspects and applications.

Prerequisites

- Basic understanding about Bitcoin, no technical knowledge required.
- An interest in learning about financial technologies, cryptocurrencies, and blockchain and their implementation in various aspects of business.
- A willingness to explore emerging technologies and use tools.

Programme

Course Introduction

Module 1: Introduction to Bitcoin and Blockchain
1.1 Overview of Bitcoin Technology
1.2 Overview of Blockchain Technology

Module 2: Bitcoin Scripting Languages
2.1 Fundamentals of Bitcoin Scripting Language
2.2 Components of Scripting Language Basics
2.3 Uses of Bitcoin Scripts
2.4 Execution Condition of Scripts
2.5 Security and Vulnerabilities in the Scripts

Module 3: Building on Bitcoin Script
3.1 Standard Transactions
3.2 Trade and DeFi3.3 Smart Contracts
3.4 Asset Definition

Module 4: Layer 2 Scaling Solutions
4.1 Basics of Layer 2
4.2 Different Layer 2 Projects

Module 5: Use Cases and Projects using Layer 2
5.1 Payments Use Cases
5.2 Assets and DeFi
5.3 Industry Use Cases5.4 Integration with Other Tech – IoT

Module 6: Security and Best Practices
6.1 For Scripting Apps
6.2 General Security Practices
6.3 Keys and Smart Contracts
6.4 Off-Chain
6.5 Layer 2

Module 7: Integration (SDK/APIs) and Deployment
7.1 Basic Overview of SDK & APIs
7.2 BitcoinJS
7.3 BitcoinJ
7.4 Bitcoinlib
7.5 Bitcoin RPC Client (Python)
7.6 Deployment Strategies

Module 8: Future Trends and Innovations
8.1 Innovation in Bitcoin Applications
8.2 Innovation in Bitcoin Layer 2
8.3 Innovation in Asset Definition
8.4 Innovation in Bitcoin Interoperability
8.5 Innovation in Bitcoin Identity and Users

8.6 Innovation in Bitcoin Dev Tools

Module 9: Capstone Project
9.1 Capstone Project

Follow on courses

Recommended Certifications:

- Blockchain+ Executive™ (BL-100) - Lead confidently in the Blockchain executive sphere
- Blockchain+ Developer™ (BL-200) - Build the Foundations of Tomorrow with Blockchain Developer
- Bitcoin+ Security™ (BC-300) - Defend Your Digital Wealth: Master Security Strategies
- Bitcoin+ Executive™ (BC-100) - Empowering Executives with Bitcoin Innovation
- Bitcoin+ Developer™ (BC-200) - Navigate the depth of development with Bitcoin

Test and Certification

Exam Details

- **Duration**: 90 minutes
- **Passing Score**: 70% (35/50)
- **Format**: 50 multiple-choice/multiple-response questions
- **Delivery Method:** Online via proctored exam platform (flexible scheduling)

Exam Blueprint

- Introduction to Bitcoin - 10%
- How Bitcoin Works? - 15%
- Setting Up a Bitcoin Wallet - 10%
- Buying, Selling, and Using Bitcoin - 15%
- Bitcoin Security - 20%
- Bitcoin's Economic Aspects - 10%
- Legal and Regulatory Environment - 10%
- The Future of Bitcoin - 10%

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
01 Jan 0001			English	Self Paced Training		£150.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.