Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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Bitcoin+ Everyone™

CÓDIGO:	DURACIÓN:	Precio:
AIC_BC-900	6 Hours	€195.00

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

Objetivos

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

Público

- **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.

Requisitos Previos

- 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.

Programa

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

Examen y certificación

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)
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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%

Fechas Programadas

Fecha	Localización	Zona horaria	Idioma	Modalidad de impartición	Impartición garantizada	Precio
01 Jan 0001			English	Self Paced Training		€195.00

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.