INSTRUCTOR-LED WEBINAR & ON-DEMAND - SYLLABUS

Certified Blockchain Accounting Professional

Duration: 50 Hours

Delivery: Instructor Led Webinar – 10 Hours
Online On-Demand / Self-Pace Mentor Supported – 40 Hours

Instructors: Bryant Nielson; Adi Ben-Ari; Vic Arulchandran

Office Hours: 10:00 AM to 6:00 PM Eastern Standard Time

Email: studentsupport@blockchainhub360.com

Prerequisites: Recommended: Prior business experience, or existing Finance, Accounting and Business students are well suited for this course.

Continuing Education Units (CEUs): 5

Certification Exam: Certified Blockchain Accounting Professional
Certification Body: Blockchain Certification Association

Certificate Program Overview:

The Certified Blockchain Accountant Professional program is an intensive program designed to explore where business models, operations, and accounting will be impacted by the introduction of blockchain technology. In addition to understanding the foundational aspect of this technology, participants will be able to see how this technology is changing the operational deployment to their benefit. Those completing the program will understand smart contracts, consensus protocols, public vs private chains, use cases across different industries and business modules, and lastly how to establish a business and accounting strategy to make use of blockchain.

Course Composition:

Online On-Demand:	Blockchain Foundations	Modules 1 - 15
Online On-Demand:	Blockchain & Bitcoin Intensive	Modules 1 - 7
Online On-Demand:	Blockchain Development Decision	Modules 1 – 8
Online On-Demand:	Blockchain for Accountants	Modules 1 - 6
Online On-Demand:	Crypto Trading	Modules 1 - 4
Instructor-Led Webinar:	Guest Lectures	

Learning Outcomes

- Analyze real-life use cases in Accounting and record keeping.
- Construct a strategy to make use of blockchain for varying accounting industry needs
- Comprehend blockchain fundamentals
- Explain smart contracts and consensus protocols
- Compare public vs private chains required for different blockchain solutions
- Identifying the decisions and participants in a successful blockchain implementation
- Learn about various blockchain platforms – Open Source and Commercial
- Understand the hosting and mining options
- Awareness of associated technologies and primary programming languages
- Ability to establish and use a crypto wallet.

Demonstration of Learning Outcomes:

At the conclusion of the Certified Blockchain Accounting Professional Certificate Program non-technical professionals will be able to make decisions together to effectively design, build and maintain a business or organizational blockchain accounting strategy that best suits the needs of all stakeholders utilizing the blockchain. The completion of this program prepares students to sit for the **Certified Blockchain Accounting Professional** exam through the **Blockchain Certification Association (BCA)**.

Evaluation

Evaluation is based on participation and a final exam.
Weighted:

50% participation
50% on the final grade

80% overall grade is required in order to receive a Certificate of Completion.

Grading Policy

Pass or Fail. No Credit (NC).

Attendance Requirements:

Students are expected to complete all online self-paced modules and assessments and attend at least 85% of Instructor-Led Webinar Presentations. Should a student miss any portion of the live instruction instructor-led webinars are recorded and attached to the learning management. A Certificate of Completion will not be issued if attendance requirements are not met.

Student conduct and etiquette:

Students will be expected to be courteous in their conduct and communications to the instructor and classmates at all times whether such conduct or communication is in person, by telephone or electronic communications.

Behavior that persistently or grossly interferes with an instructor or other student activities is considered disruptive behavior and may be subject to disciplinary action. Such behavior inhibits other students' ability to learn and an instructor's ability to teach. The instructor may require a student responsible for disruptive behavior to leave the learning environment pending discussion and resolution of the problem and may report a disruptive student to the Student Affairs Office.

Note: Disruptions or any other distraction in the learning environment may result in a failing grade.

Course Evaluations

Course evaluations and program surveys are important components of the educational process. Students are encouraged to complete the student course evaluation form that will be distributed at the conclusion of the Certificate Program. The evaluation is anonymous.

Computer/Information Literacy Expectations for Students enrolled in this class

Students in this class are expected to:

1) Use a word processing program for writing assignments (e.g., Microsoft Word)
2) Be able to access assigned websites through the internet
3) Have access to PC or mobile device for participation in course content

CERTIFICATE PROGRAM COURSE MODULE OVERVIEW:

BLOCKCHAIN FOUNDATIONS – 15 MODULES

Module 1: Blockchain Basics 1
Module 2: Blockchain Basics
Module 3: Cryptography
Module 4: Blockchains Security
Module 5: Accessing Utilities KU and TX and Wallets
Module 6: Blockchain Smart Contracts
Module 7: Blockchain Pros & Cons
Module 8: Current State of Blockchain
Module 9: Review of Public Blockchain apps
Module 10: Governments & Regulation
Module 11: Use case deep dive
Module 12: DAO
Module 13: Regulatory Reporting
Module 14: Breakout Session
Module 15: The Future of Blockchain

BLOCKCHAIN & BITCOIN INTENSIVE – 7 MODULES

Module 1: Bitcoin Concepts
Module 2: Technical Bitcoin Limitations
Module 3: Bitcoin Limitations

Module 4: From Blockchain V1 to Blockchain V2
Module 5: Blockchain as the New Database
Module 6: Blockchain V2 Use Cases
Module 7: Preparing your Firm for Blockchain

BLOCKCHAIN DEVELOPMENT DECISION– 8 MODULES
Module 1: Blockchain Development Essentials
Module 2: Blockchain Platforms
Module 3: Hosting/Mining Decisions
Module 4: Associated Technologies
Module 5: Development Languages
Module 6: Security and Implementation Goals
Module 7: Risk Management
Module 8: Digital Transformation Traps & Summary

BLOCKCHAIN FOR ACCOUNTANTS – 6 MODULES
Module 1: Basics of Blockchain Reiterated
Module 2: Understanding Smart Contracts
Module 3: Blockchain Use-cases
Module 4: Barriers to Blockchain Implementation
Module 5: Opportunities and Risk
Module 6: How to prepare your firm for blockchain technology

THE CRYPTO TRADING COURSE – 4 MODULES
Module 1: Introduction to Cryptocurrencies
Module 2: Uses for Cryptocurrencies
Module 3: Crypto Trading Strategies
Module 4: Are We in a Crypto Bubble?