INSTRUCTOR LED WEBINAR & ON-DEMAND - SYLLABUS

Certified Blockchain Business Professional – Supply Chain

Duration: 75 Hours

Delivery:
Instructor Led Webinar – 50 Hours
Online On-Demand / Self-Pace Mentor Supported – 30 Hours

Instructors: Bryant Nielson

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

Email: studentsupport@blockchainhub360.com

Prerequisites: Recommended: Prior business experience, or logistics, supply chain industry experience, or existing students in these fields are well suited for this course.

Continuing Education Units (CEUs): 7.5

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

Certificate Program Overview:
The Certified Blockchain Business Professional program is comprised of 75 hours of blended OnDemand titles and Live Instructor Led Webinars designed for current and aspiring business leaders and managers who seek to understand, develop and implement blockchain technology to gain a competitive advantage, improve business efficiency, strengthen security, and to create new lines of business. Blockchain technology’s massive impact across all business sectors will provide an incalculable number of new opportunities, all at a fast hyper-competitive pace. Business minded individuals taking this course will understand the basis of this technology, and will learn how to work with developers to build an enterprise grade solution for existing businesses, governments, organizations or a startup. In addition to the core blockchain business professional programming students benefit from the Blockchain for Supply Chain elective.

Course Composition:

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Learning Outcomes
- Understand the fundamentals of blockchain, smart contracts, and consensus protocols.
- Recognize the difference between public vs private chains, and evaluate which type is best suited for enterprise aims
- Recall and compare various blockchain use cases in different sectors
- Construct a strategy to make use of blockchain.
- Establish industry specific domain expertise in Finance, Law, Accounting, Regulation, Healthcare, Insurance or Supply Chain.

Demonstration of Learning Outcomes:
At the conclusion of the Certified Blockchain Business Professional Certificate Program technical and non-technical professionals will be able to make decisions together to effectively design, build and maintain a business or organizational blockchain 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 Business 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 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

ENTERPRISE BLOCKCHAIN STRATEGY - 14 MODULES
Module 1: Basics of Blockchain Part 1
Module 2: Basics of Blockchain Part 2
Module 3: Understanding Smart Contracts
Module 4: Blockchain Security / Risk
Module 5: Understanding ICO’s and Cryptocurrencies
Module 6: DAO
Module 7: Use case examples of how blockchains are being used today
Module 8: Blockchain Use case Solution Workshop
Module 9: Blockchain Pros and Cons
Module 10: Barriers to Adoption
Module 11: How to prepare you firm for blockchain
Module 12: Regulatory Impact on Blockchain
Module 13: What does Blockchain Future Look Like?
Module 14: Leading in a Technological Disruptive Market

BLOCKCHAIN AND THE Supply Chain SECTOR – 8 MODULES
Module 1: Basics of Blockchain, Review
Module 2: Understanding Smart Contracts
Module 3: Pain points for the Supply Chain
Module 4: How can Blockchain Help Supply Chains
Module 5: Use case examples of how blockchains are being used in supply chains today
Module 6: Compliance and Regulatory Environment
Module 7: Barriers to Adoption
Module 8: How to prepare you firm for blockchain

FINAL EXAM