

INSTRUCTOR LED WEBINAR & ON-DEMAND - SYLLABUS

Certified Blockchain Business Professional – Finance

Duration:	75 Hours
Delivery:	Instructor Led Webinar – 25 Hours Online On-Demand / Self-Pace Mentor Supported – 50 Hours
Instructors:	Bryant Nielson ; Adi Ben-Ari ; Vic Arulchandran , Jim Sullivan , and TBD
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):	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 and the Financial Sector elective.

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
Instructor-Led Webinar:	Enterprise Blockchain Strategy	Modules 1 – 14
Online On-Demand:	Blockchain and the Financial Sector	Modules 1 - 6
Online On-Demand:	Crypto Trading Course	Modules 1 - 4

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

EXAM

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

EXAM

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

EXAM

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

EXAM

BLOCKCHAIN FOR THE FINANCIAL SERVICES SECTOR – 6 MODULES

Module 1: Introduction to Blockchain

Module 2: How Does Blockchain Work?

Module 3: Opportunities in Financial Services

Module 4: Exchanges & Central Banks

Module 5: Blockchain Regulation

Module 6: Preparing Your Firm for Blockchain

EXAM

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?

FINAL EXAM