

INSTRUCTOR LED WEBINAR & ON-DEMAND - SYLLABUS

Certified Blockchain Finance Professional

Duration:	60 Hours
Delivery:	Instructor Led Webinar – 10 Hours Online On-Demand / Self-Pace Mentor Supported – 50 Hours
Instructors:	Bryant Nielson ; Adi Ben-Ari ; Vic Arulchandran , 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):	6
Certification Exam:	Certified Blockchain Finance Professional
Certification Body:	Blockchain Certification Association

Certificate Program Overview:

The Certified Blockchain Finance Professional program is designed for existing finance sector professionals and students to understand digital currencies and blockchain technology, with a focus on adoption and use within the financial sector. Learners begin with grasping blockchain fundamentals and crypto currencies, before moving into crypto currency trading and a deep dive into the implication this technology directly has on the financial sector. Understanding FinTech, specifically blockchain's impact and implementation of standards within the Financial Sector will equip current and graduating finance professionals with the necessary knowledge to navigate industry changes and gain a competitive edge. The Crypto Trading portion of the course provides an in-depth understanding of bitcoin and the cryptocurrency marketplace. Learners gain an insight into the investment in bitcoin as well as other crypto currencies, along with key knowledge how to manage these investments.

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 and the Financial Sector	Modules 1 - 6
Online On-Demand:	Blockchain for Accountants	Modules 1 - 6
Online On-Demand:	Crypto Trading Course	Modules 1 - 4

Learning Outcomes

- Analyze real-life use cases in Finance (FinTech).
- Construct a strategy to make use of blockchain within the Financial sector.
- 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.

Demonstration of Learning Outcomes:

At the conclusion of the Certified Blockchain Finance Professional Certificate Program finance professionals or students 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 Finance 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

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

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 you firm for blockchain

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?