

INSTRUCTOR--LED WEBINAR & ON-DEMAND - SYLLABUS

Certified Blockchain Healthcare Professional

Duration:	50 Hours
Delivery:	Instructor Led Webinar – 10 Hours Online On-Demand / Self-Pace Mentor Supported – 40 Hours
Instructors:	Bryant Nielson ; Jim Sullivan
Office Hours:	10:00 AM to 6:00 PM Eastern Standard Time
Email:	admin@blockchainhub360.com
Prerequisites:	Recommended: Prior business experience, or existing Healthcare Administration experience, and students of the healthcare system are well suited for this course.
Continuing Education Units (CEUs):	5
Certification Exam:	Certified Blockchain Healthcare Professional
Certification Body:	Blockchain Certification Association

Certificate Program Overview:

The Certified Blockchain Healthcare Professional program provides an in-depth understanding of blockchain and the technology's impact on the healthcare marketplace, medical records, billing and accounting. Learners begin by gaining a comprehensive understanding of the technology, followed by learning opportunities and risks within the healthcare sector. The course concludes with an understanding of the available platforms, hosting, associated technologies, languages and security, which is paramount to the success of any POC or enterprise deployment.

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 Healthcare Sector	Modules 1 - 5
Instructor-Led Webinar:	Guest Lectures	

Learning Outcomes

- Analyze real-life use cases in the Healthcare Sector
- Construct a strategy to make use of blockchain for varying healthcare 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.

Demonstration of Learning Outcomes:

At the conclusion of the Certified Blockchain Healthcare Professional Certificate Program 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 Healthcare 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

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

SIMBA Chain Lab - Instructor Led - delivered twice a month

BLOCKCHAIN AND THE HEALTHCARE SECTOR - 5 MODULES

Module 1 – Blockchain 101

Module 2 – Blockchain and the Healthcare Sector

Module 3 – Blockchains Impact on Healthcare

Module 4 – Blockchain and Accounting

Module 5 - Preparing Your Firm For Blockchain

FINAL EXAM