



CBSCP

Certified Blockchain
for Supply Chain
Professional



International
Supply Chain
Education Alliance

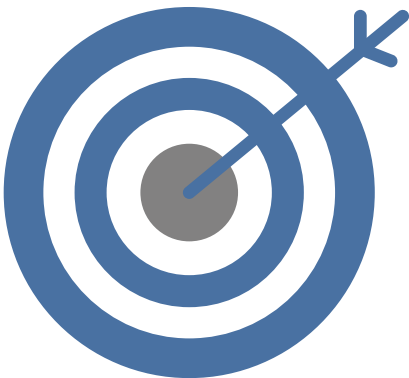
What you will learn



In this blockchain intensive course wherein you will learn:

- The fundamentals of blockchain
- An intensive introduction to smart contracts, consensus protocols and public vs private chains
- An introduction to various blockchains use cases in Supply Chain
- Real-life use cases for different industries and different supply chain models
- How to set up a strategy to make use of blockchain for your own supply chain needs

Target audience



This intensive course is designed for decision-making executives, where their supply chain models and operations could be impacted by the introduction of this technology. In addition to understanding the foundational aspect of this technology, participants will be able to see how blockchain technology is changing the operational deployment to their benefit.

Senior management, key stakeholders, as well as managers, who operate in the supply chain area, will find this as a relevant course to understanding the disruptive impact of blockchain adoption.



Who should attend

- C-Level
- VPs
- Directors
- Heads of Divisions

| CBSCP exam preparation course outline

| Level I

MODULE 1.

Blockchain Overview

- Lesson 1 Blockchain 101
- Lesson 2 Crypto 101
- Lesson 3 Hashing & Mining
- Lesson 4 Blockchain Properties
- Lesson 5 Public vs Private
- Lesson 6 Consensus Mechanisms
- Lesson 7 Security Challenges

MODULE 2.

Smart Contracts

- Lesson 1 Smart Contracts 101
- Lesson 2 Smart Contracts 201
- Lesson 3 Oracles & Legal Issues

MODULE 3.

Supply Chains

- Lesson 1 Understanding Supply Chains
- Lesson 2 Supply Chain Pain-Points

| Online Proctored Exam FINAL EXAM

Questions: 100 – Multiple Choice

Passing Criteria: 70%

Schedule: Last Day of Workshop

MODULE 4.

Blockchain for the Supply Chain Agreements & Contracts

- Lesson 1 Blockchain for the Supply Chain
- Lesson 2 Agreements and Contracts

MODULE 5.

Use Cases

- Lesson 1 Use Cases
- Lesson 2 Use Cases (cont.)
- Lesson 3 Use Cases (final)

MODULE 6.

Regulation and Compliance

- Lesson 1 Regulatory Challenges
- Lesson 2 Compliance Challenges
- Lesson 3 – 10 Blockchain Secrets

| About Course:

Duration:

16 Total Hours

Delivery Methodology:

Online & Face To Face

Course Language:

English, Spanish, German

Workshop & Exam Session Fee:

US\$ 695

| CBSCP exam preparation course outline

| Level II

COURSE 1.

Blockchain Foundations

- Module 1 Blockchain Background and Basics
- Module 2 Different Types of Blockchains
- Module 3 Consensus
- Module 4 Cryptography and Hashing
- Module 5 Smart Contracts
- Module 6 Blockchain Wallets
- Module 7 Pros and Cons
- Module 8 Public Blockchain – Based Applications
- Module 9 Blockchain and Crypto Regulation
- Module 10 Regulatory Reporting
- Module 11 Distributed Autonomous Organizations
- Module 12 Blockchain Today
- Module 13 The Trilemma

COURSE 2.

Blockchain & Bitcoin Intensive

- Module 1 Bitcoin Overview
- Module 2 Technical Limitations & Mining Introduction
- Module 3 Mining
- Module 4 Bitcoin vs Protocols 2.0, 3.0, 4.0...etc.
- Module 5 The New Database
- Module 6 Payments, Voting and other Use Cases
- Module 7 What's next?

COURSE 3.

Blockchain Development Decision

- Module 1 Development Essentials
- Module 2 Platforms
- Module 3 Hosting and Mining Decisions
- Module 4 Associated Technologies
- Module 5 Development Languages
- Module 6 Security and Implementation Goals
- Module 7 Risk Management
- Module 8 Digital Transformation & Summary

COURSE 4.

Key Management

- Module 1 Key Management Overview
- Module 2 Key Generation
- Module 3 Key Management and Storage
- Module 4 Risks

COURSE 5.

Blockchain for Supply Chain

- Module 1 Blockchain Overview
- Module 2 Smart Contracts
- Module 3 Supply Chains
- Module 4 Blockchain for the Supply Chain – Agreements & Contracts
- Module 5 Use Cases
- Module 6 Regulation and Compliance
- Module 7 Barriers and Opstacles
- Module 8 Challenges, Goals, and Roadmap

| CBSCP exam preparation course outline

| Level II

COURSE 6.

Introduction to the Agile Blockchain

- Module 1 Agile Methodologies and the Blockchain Layers
- Module 2 Scrum, Lean, XP, and DevOps Methodologies
- Module 3 Agile Economics, working incrementally
- Module 4 Backlog, Sprints / Iterations, Velocity, Stories, Points, Working Product Increments
- Module 5 Events: Vision, Planning, Daily Stand Up, Refinement
- Module 6 Reviewing and Improving based on working products
- Module 7 Release on demand
- Module 8 The unique aspects of the Blockchain layer in the Agile strategy

| Online Proctored Exam FINAL EXAM

Questions: 100 - Multiple Choice

Passing Criteria: 70%

Schedule: Last Day of Workshop

| About Course:

Duration:

70 Total Hours

Delivery Methodology:

Online & Face To Face

Course Language:

English, Spanish, German

Workshop & Exam Session Fee:

US\$ 1,995

| About ISCEA exams preparation courses

“ *It is a comprehensive opportunity to really learn about supply chain, technology and strategy - Michael Atwater, Entergy Corporation*

*It puts you in contact with Supply Chain's new trends
- Donny Paniagua Ruiz, Florida Ice and Farm Company*

This was a great experience. Even after a long time of service, I still learned a lot - Neven Mladina, Kellogg Brown & Root

I gathered lots of information and ideas to be implemented in our current business projects - Shino Thomas, Theodore Wille Intertrade

*The course provides a different perspective. It clarified concepts that I previously perceived as too complicated to me
- Zamira Alfonso, Axionlog*

*My expectations were met. The content is updated and provides a good perspective on the Supply Chain
- Diana Diaz Porras, Colombina*

It is a practical course. I was able to improve both my skills and knowledge. I recommend it! - Rosa Oritz, General Motors

*There is a great amount of knowledge delivered
- Robinson Alejandro Prieto Camelo, Bimbo Group*

*Very good! Top level!
- Waldemar Nunez, Costa Rican Institute of Electricity*

The content is concrete and precise. It provides you with the power to influence corporate decisions - Amalia Sepulveda, Independence

*I recommend it for both those who need to learn the basics, and those working with these concepts on a daily basis
- Carolina Sánchez Barrantes, Freudenberg Medical*

” *I learned that any problem can be approached from different angles, but you have to remain focused on customer satisfaction and the organization's strategy - Rodrigo Alan Gonzalez Silva, Tyson Foods*

| About ISCEA

The International Supply Chain Education Alliance (ISCEA) was the first organization certifying Supply Chain Professionals around the globe, and it remains the worldwide authoritative resource for Supply Chain Career Validation with thousands of certificate holders commanding top-tier salaries.

ISCEA's mission is to provide Total Supply Chain Knowledge to manufacturing and service industry professionals through Education, Certification and Recognition.

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