



# CBSCP

Certified Blockchain  
for Supply Chain  
Professional

## What you will learn



In this blockchain intensive course wherein you will learn:

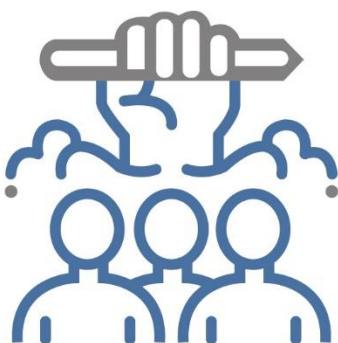
- The fundamentals of blockchain
- An intensive introduction to smart contracts, consensus protocols and public vs private chains
- An introduction to various blockchains use cases in Supply Chain
- Real-life use cases for different industries and different supply chain models
- How to set up a strategy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

# | BCSC exam preparation course outline

## **MODULE 1. BASICS OF BLOCKCHAIN**

- Introduction to Blockchain
- What is the Bitcoin blockchain
- Understanding crypto roles / purpose
- Consensus protocols
- Public and private blockchains
- Ethereum (and its derivatives) / Hyperledger/ EOS / Stellar

## **MODULE 2. UNDERSTANDING SMART CONTRACTS**

- Paper to digital contracts
- What is a smart contract?
- Smart contract platforms
- How smart contracts are of value to the Supply Chain

## **MODULE 3. PAIN POINTS FOR THE SUPPLY CHAIN**

- Inefficiencies
- Sourcing and inventory controls
- Product Traceability
- Procurement / Long Cycle Times
- Compliance
- Logistics / Coordination /
- Operations / Inventory and warehouse management
- Opacity
- High costs
- Shipment visibility
- The supply chain is broken

## **MODULE 4. HOW CAN BLOCKCHAIN HELP SUPPLY CHAINS**

- Verify Authenticity
- Transparency and Security
- Increased efficiency
- Agreements and Contracts
- Regulatory and Compliance
- Cyber Security
- Change management

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## **MODULE 5. USE CASE EXAMPLES OF HOW BLOCKCHAINS ARE BEING USED IN SUPPLY CHAINS TODAY**

- Agri
- Automotive
- Fashion
- Food & Beverage
- Healthcare
- Insurance
- Maritime
- Pharma
- Power and Energy / Oil and Gas

## **MODULE 6. COMPLIANCE AND REGULATORY ENVIRONMENT**

- Blockchain Regulatory Environment
- Overview of Blockchain Regulation
- Compliance and Legal Issues
- Discussion: Assess the advantages of blockchain for the Supply Chain Sector

## **MODULE 7. BARRIERS TO ADOPTION**

- Existing Supply Chain solutions
- Siloed systems
- No established data standards and management
- Wait and see mentality / the blockchain landscape is undergoing dramatic change
- What will motivate change

## **MODULE 8. HOW TO PREPARE YOU FIRM FOR BLOCKCHAIN**

- Evaluation and Challenges
- Activity: Identify a use case that would be impactful to your situation
- Acceptance and Action Plan
  - Plan
  - Source
  - Make
  - Deliver
  - Return

## | 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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