



# blocksEDU

learning corp

## ADVANCE SUPPLY CHAIN MANAGEMENT

2022 / 2023



**Get in touch**

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A Bloxsar Tech Ventures Inc. Company



# Advance Supply Chain Management

## What We Do

This 42-hour, 5 module course introduces logistics and supply chain management as an integrated discipline practiced in the private and public sectors. It is designed to provide an overview of logistics functions and their application to supply chain management. Emphasis is on the total integration of the supply chain from raw material production through end customer support and final disposal.

## Our Objectives

- Describe the importance of supply chain management and the techniques for an effective operations management and logistics strategy in a world centred around technology.
- Examine how supply chain management and logistics integrate with all departments and processes within and outside of an organization.
- Explain how supply chain, operations management, and logistics functions impact all functions of an organization.
- Identify the concepts and supporting references for supply chain management and logistics and how the supply chain discipline is evolving to supply networks.

## Why Should You Purchase This Course?

- The world is a supply chain. Everything around your room, office, and home got there due to supply chain management. The clothing on your back travelled thousands of miles - and back again in some cases - and that is due to supply chain management.
- 95% of supply chain professionals kept their jobs during the pandemic with salaries remaining solid. Since 2019, workloads for supply chain professionals have increased and there has become a greater need for risk management, digital supply chain, and leadership expertise.
- You'll be able to use your skills (almost) anywhere because the supply chain industry and the management. This means that your expertise will be in demand across a vast range of fields. Whether you want to work for a manufacturer, a producer, a transportation company, a wholesaler, or a retailer digital marketing agency for your favourite brand, or even for a charity ,

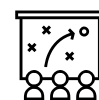
## Why Advance (SCM)

- Supply Chains are all around us, and regardless of one's organization or industry, the company depends on supply chain management to operate. If you look around the office you are in right now, everything got there due to supply chain management.
- The Pandemic of 2020 demonstrated the importance of the supply chain discipline, and we continue to feel the impact on our post-pandemic world. As leaders of organizations look to reevaluate their supply chain strategies and networks, they will need individuals that specialize in this discipline.
- With the current shortage of supply chain talent, organizations are now paying top dollar for supply chain professionals, as leaders now view an efficient supply chain as a competitive advantage rather than an expense.

## Our sessions are designed to help you



Logistics



Supply Chain Techniques



Supply Chain Management



Improve Marketing Campaigns



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# Curriculum Developer: Justin Goldstein

Dr Justin Goldston is a professor of project and supply chain management at Penn State University, where his research is focused on blending the practices of supply chain management, emerging technologies such as blockchain and artificial intelligence, and sustainability to create positive global change. Dr Goldston is a research faculty affiliate at the Center for Business of Sustainability at the Smeal College of Business at Penn State and an active contributing faculty member to The Sustainability Institute at Penn State.

Outside of being a five-time TEDx speaker where he discussed blockchain and artificial intelligence, Goldston has over 20 years of experience consulting with organizations around the world on enterprise-wide digital transformation initiatives. Goldston has also led and assisted in the development of blockchain, supply chain management, sustainability and business analytics programs and courses at Georgetown University, Texas A&M University, Rasmussen University, Davenport University and North Carolina Wesleyan College and has evaluated doctoral programs for the Department of Higher Education. Goldston serves on the graduate advisory board at various higher education institutions including Georgetown University, is the author of multiple peer-reviewed journal articles on supply chain management, sustainability, and innovative technologies, of Critical Success Factors in ERP Implementations and the forthcoming book AI for Good: Achieving Sustainability Through Citizen Science and Organizational Citizenship.

### **His Work has been Featured in :**



GEORGETOWN UNIVERSITY



MASSACHUSETTS  
Department of  
Higher Education







# Module 1: An Introduction to Supply Chain Management and Logistics

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1. What are the breadth and depth of the Supply Chain Management and Logistics functions?
2. Identify the concepts and supporting references for supply chain management and logistics.
3. Describe the importance and techniques for effective operational and logistical functions.



## **FORMAT**

Asynchronous / Self Pace



## **LENGTH**

8.4 hours

# Module 2 : Strategic Supply Chain Management

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1. Identify the building blocks of an organizations supply chain strategy
2. Examine the competitive priorities within supply chain operations and how to gain a competitive advantage
3. Describe the criteria for decision making tools in creating an optimal supply chain design



## **FORMAT**

Asynchronous / Self Pace



## **LENGTH**

8.4 hours

# Module 3: Supply Chain Metrics

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1. Identify internal and external, customer-focused metrics and key performance indicators
2. Examine time metrics and KPIs in supply chain management and logistics
3. Define cost metrics and KPIs in supply chain management and logistics
4. Assess quality metrics and KPIs in supply chain management and logistics



# Module 4: Domestic and International Supply Chain Considerations

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1. Compare the advantages and disadvantages of international supply chain operations
2. Assess the typical supply chain risks and challenges when dealing within a countries' borders
3. Explain the added challenges when dealing with an international supply chain
4. Identify the different functional areas within the logistics function (e.g., OTR, LTL, Ocean Freight, Warehousing, Third-Party Providers)



## **FORMAT**

Asynchronous / Self Pace



## **LENGTH**

8.4 hours

# Module 5: Quantitative and Qualitative Supply Chain Analysis

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1. Assess quantitative analysis tools for supply chain operations
2. Identify qualitative analysis tools for supply chain operations
3. Examine the importance of Lean and Six Sigma within a supply chain environment



## **FORMAT**

Asynchronous / Self Pace



## **LENGTH**

8.4 hours

# Why blocksEDU?

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BlocksEDU has developed programs that offer micro-credentials focusing on both theory and application to help create an employable workforce. Our mission is to be the “World Leader in Micro-Credentialing Education Courseware Development” We see the future of education where anyone, anywhere can get ahead in today's competitive workforce. Students can acquire micro-credentials in Certificate in Blockchain, Bitcoin & Cryptocurrency which will help give them an edge in today's competitive workforce.

## Here's what our students have to say

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"As a professional already working in the field of corporate social responsibility (CSR), I found the material to be easily applicable to my real-world goals and objectives while also providing me with new additional resources to pull from. As a result, this course will “level up” every student, whether new to the profession and looking for a foundational understanding, or a seasoned expert looking to formalize their work.”

**Cindy Pope, Corporate Social Responsibility Specialist - ANLB**

"The synchronous learning sessions fit well with my work and home life while still allowing for an open, engaging and professional remote learning experience. The instructors brought a wealth of knowledge and experience, and the other course participants also enriched the course and class time with their personal experiences and knowledge in the field of renewable energy. This training was exactly what I was looking for..."

**Loretta Ransom, Advisor, Energy Funding, Research and Development, Energy Division, Dept. of Infrastructure, Government of the Northwest Territories.**

"Taking the renewable energy series was an encouraging experience. In a world that desperately needs more opportunity for education there are very few options that are attainable for people... The course structure was very clear and concise. We had scheduled evening class time meaning I never had to give up work time, forums and boards make connecting with other students easier, and the instructors made themselves available at all times."

**Luke Cecelon, Telecontrol Trainee**