



CSSCP

Certified Sustainable
Supply Chain
Professional



International
Supply Chain
Education Alliance

CSSCP exam preparation course

PART 1 – SUSTAINABLE SUPPLY CHAINS AND CIRCULARITY

Part 1 – Section 1 – Foundations of Sustainable Supply Chain

- 1.1.1 Introduction to Sustainability
- 1.1.2 Approach Toward Sustainability
- 1.1.3 International Standards, Audit Frameworks
- 1.1.4 Actions for Companies, Corporate Success

Part 1 – Section 2 – Strategy and Scope

- 1.2.1 Introduction
- 1.2.2 Priorities, Sustainability in Supply Chain
- 1.2.3 Importance of Sustainable Supply Chain
- 1.2.4 Making an Initial Assessment

Part 1 – Section 3 – Fundamental Issues – Drivers and Obstacles

- 1.3.1 Issues and Challenges
- 1.3.2 Macro Challenges
- 1.3.3 Business Issues
- 1.3.4 Micro Challenges
- 1.3.5 Industry Based Measures
- 1.3.6 Industry Leaders Challenges
- 1.3.7 Taking a Lead – Industry Success Story

Part 1 – Section 4 – Circular Supply Chain

- 1.4.1 Circular Economy
- 1.4.2 How to Implement Circular Economy Strategies
- 1.4.3 Circular Economy Business Cases

PART 2 – SUSTAINABLE SUPPLY CHAIN PLANNING, SOURCING, AND PROCUREMENT

Part 2 – Section 1 – Inventory

- 2.1.1 Role of Inventory
- 2.1.2 Cradle-to-Cradle Design Model
- 2.1.3 Business Case
- 2.1.4 Inventory Management

Part 2 – Section 2 – Business Planning

- 2.2.1 Sustainable Supply Chain (SSC) Program
- 2.2.2 Implementation of the Sustainable Supply Chain (SSC) Scorecard
- 2.2.3 Strategy Model
- 2.2.4 Supply Chain Strategies
- 2.2.5 Integrated Cost Leadership/Differentiation Strategy
- 2.2.6 Five Forces Model Analysis
- 2.2.7 Strategic Implications of the Five Competitive Forces
- 2.2.8 Sustainable Supply Chain Practices in Different Industries

Part 2 – Section 3 – Material Planning

- 2.3.1 Inventory Optimization
- 2.3.2 Forecasting
- 2.3.3 Sales & Operations Planning
- 2.3.4 Aggregate Planning & MRP

Part 2 – Section 4 – Sourcing and Purchasing

- 2.4.1 Relevance of sustainability for Procurement
- 2.4.2 Achieving Environmental Impact
- 2.4.3 Improving Human Rights Standards
- 2.4.4 Sustainability as Integral Part of the Sourcing Process

PART 3 - SUSTAINABLE SUPPLY CHAIN OPERATIONS AND TECHNOLOGY

Part 3 - Section 1 - Sustainability In Manufacturing

- 3.1.1 Sustainability in Manufacturing
- 3.1.2 Sustainable Manufacturing Goals
- 3.1.3 Life Cycle Assessment of Manufacturing Systems
- 3.1.4 Lean Vs Green Manufacturing Towards Sustainability
- 3.1.5 IR4.0 Technologies for Manufacturing Sustainability
- 3.1.6 Approaching Sustainable Manufacturing

Part 3 - Section 2 - Warehouse and Distribution

- 3.2.1 Sustainability and Logistics
- 3.2.2 Background to Logistics
- 3.2.3 Sustainable Logistics
- 3.2.4 Green Logistic Practices
- 3.2.5 Customer Awareness and Government Regulations

Part 3 - Section 3 - Transportation

- 3.3.1 Defining the role of Transportation in Supply Chain
- 3.3.2 Modes of Transportation
- 3.3.3 Improvement Potentials
- 3.3.4 Impact to Sustainability and Trade-Offs

Part 3 - Section 4 - Enabling Tools

- 3.4.1 Data and Information Value
- 3.4.2 Emerging Technologies
- 3.4.3 Edge Analytics

Perfect program for:

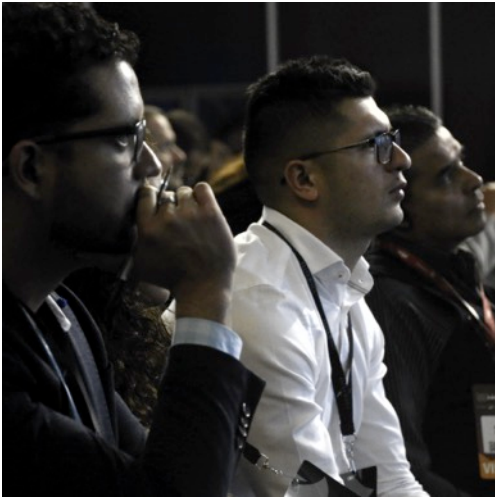
- All-level supply chain or sustainability professionals.
- Organizations in need of a baseline integrating sustainability into their supply chain team.
- Individuals involved in sustainable supply chain improvement projects or systems implementation (eg. corporate responsibility, pledged UN SDG Ambition Goals).
- Proactive individuals looking to acquire relevant information on sustainable supply chain practices.

Course includes:

- 24 classroom hours led by an experienced supply chain management expert.
- Study guide with all slides and exercises.
- 4 hours program review.
- Online-Proctored Multiple-choice exam (70% minimum pass mark)

Level II: (Optional) Sustainability Project

- A sustainability project requires each student to apply the knowledge acquired through this training.
- The project is due no later than 6 months after passing the CSSCP Exam.
- Three three-member panel will review the project.



Take control of your future

ISCEA training and certification programs provide you with the knowledge required to improve both your supply chain processes and your career.



Grab the best job opportunities

75 percent of employers prefer to hire certified professionals for supply chain positions, and ISCEA certificate holders are getting the best paid jobs.



Be recognized around the world

ISCEA is the worldwide authoritative resource for supply chain career validation with certificate holders in 68 countries on 6 continents.

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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