



CSSCP

Certified Sustainable
Supply Chain
Professional



International
Supply Chain
Education Alliance



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 47 countries on 6 continents.

| TACTICAL FOCUS

The CSSCP Course will be a comprehensive supply chain education course that integrates sustainability into all chapters within the course. The topics will be supplemented with real industry examples of sustainable supply chain in practice. These may be initiatives, goals, or current programs that are being executed within diverse industries to move toward a circular supply chain. The CSSCP program is applicable to all global industries: transportation, agriculture, fashion, energy, etc. The CSSCP program will educate employees and industry on ways to add sustainable practices to the existing supply chain or how to rebuild current supply chain with sustainability in mind. The end goal of the CSSCP course is to educate all professionals on how to maximize success of supply chain in a way that protects the future of the planet and is sustainable in nature without sacrificing supply chain efficiency. The course aims to show that sustainability and optimized supply chain are not mutually exclusive, but rather can complement each other. The CSSCP program will also support some of the UN SDGs and can be used to educate those who are interested in pledging to the SDG Ambition goals.

| CSSCP exam preparation course

COURSE 1 – SUSTAINABLE SUPPLY CHAINS AND CIRCULARITY

Course 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

Course 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

Course 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

Course 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

COURSE 2 - SUSTAINABLE SUPPLY CHAIN PLANNING, SOURCING, AND PROCUREMENT

Course 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

Course 2 - Section 2 - Business Planning

- 2.2.1 Sustainable Supply Chain (SSC) Program
- 2.2.2 Implementation with 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

Course 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

Course 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

COURSE 3 - SUSTAINABLE SUPPLY CHAIN OPERATIONS AND TECHNOLOGY

Course 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

Course 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

Course 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

| 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.

| About Course:

Pre-Requisites: None but basic supply chain knowledge recommended

Delivery Methodology: Online & Face To Face

Course Language: English, Spanish, German

Workshop & Exam Session Fee: US\$ 1,600 & Optional Additional US\$ 600 for Project

Course 3 - Section 4 - Enabling Tools

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

| Course Includes: (Level 1 Certification)

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

| Online Proctored Exam PRACTICE EXAM

Duration: 30 minutes

Questions: 25 questions

Examination; Online

Passing Criteria: None

Schedule: Available Last Day of Workshop

| Online Proctored Exam FINAL EXAM

Duration: 180 minutes

Questions: 150 – Multiple Choice

Examination: Online From USA

Passing Criteria: 70%

Schedule: Last Day of Workshop

| OPTIONAL

Level II: Sustainability Project (Optional)

In order to obtain the full CSSCP Certification the candidates must complete a sustainability project. Details about the project will be discussed during the workshop. The objective of the project is to allow the candidate to apply the classroom knowledge in real world simulation.

For the CSSCP Certification with a student status, ISCEA requires the students to complete an industry case study project. This exercise is an industry scenario-based case study project that will require each student to put the knowledge acquired through this training to use. The student must write the case and also develop an ideal solution. Students can work on project with the university, not for profit or a company.

The project is due no later than 6 months of passing the CSSCP Exam. 3 member panel at ISCEA review the project.

| ISCEA

CONTINUING CERTIFICATION REQUIREMENTS

Your credentials with the ISCEA make you an industry expert. Therefore, ISCEA requires that all its certification holders participate in continuing education to keep up with ever changing global supply chain body of knowledge and practice. You have invested time and money to obtain the ISCEA Credential. It is up to you to protect your investment by renewing your certification with ISCEA every three (3) years.

| 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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