

Management and Strategy Institute, LLC.

Lean Supply Chain Management Certified (LSCMC)[™]

Course of Study

Introduction

Lean Supply Chain Management is the management of interconnected businesses involved in providing goods or services to consumers. Lean supply chain management involves the finances, logistics, and delivery of products or services using lean principles and requires integrated behavior and cooperation among the chain's firms to be successful.

The Lean Supply Chain Management Certification looks at lean supply chain principles and tests the students' knowledge of supply chain fundamentals. This program includes all of the study material needed to prepare for the LSCMC certification exam, plus the exam itself. It is completed 100% online and is a self-paced training program.

The goal of the Management and Strategy Institute is to test your understanding of the key competencies required to function in the role of a Supply Chain Manager. As you go through the training material you will learn the competencies listed below.

The LSCMC exam is a timed, online exam. It consists of approximately 65 questions and has a required passing score of 65%.

Competencies

This course of study covers the following competencies:

Why Supply Chain Management

- Supply Chain Management is the management of interconnected businesses involved in providing goods or services to consumers.
 - Learning Outcome: The Student will have an understanding of Supply Chain Management, Customer Satisfaction, Improving Performance, Lowering Cost, and Product Development.

Key Terms, Part 1

- Sometimes, purchasing, procurement, materials management, logistics, materials management, and supply chain management are used interchangeably.
 - Learning Outcome: The Student will have an understanding of Procurement and Quality/Cost/Time/Technology/Continuity, Upstream and Downstream, Raw Material, Forecasting, Carrying Cost.

Key Terms, Part 2

- Look more closely at the concept of inventory control and more key terms in supply chain management.
 - Learning Outcome: The Student will have an understanding of Inventory (types, function), Order Generation, Order Taking, Order Fulfillment, Returns Management.

Three Levels of Supply Chain Management

- Management always begins with a single step that leads to successive steps or levels.
 - Learning Outcome: The Student will have an understanding of Strategic Level, Tactical Level, Operational Level, Bullwhip Effect.

Five Stages of Supply Chain Management

- The supply chain has three levels of management. It also has five stages in which goods, services, or products cycle through the pipeline.
 - Learning Outcome: The Student will have an understanding of Plan, Source, Make, Deliver, Return.

The Flows of Supply Chain Management

- The flow of goods, products, and services has a definite pattern in supply chain, usually toward the end customer.
 - Learning Outcome: The Student will have an understanding of Product Flow, Information Flow, Finances Flow, Data Warehouse.

Inventory Management

- Inventory management is the critical stage in supply chain management because it helps to establish inventory and sales patterns, increase working capital, and turn inventory in cash.
 - Learning Outcome: The Student will have an understanding of Levels of Inventory, Just-in-time (JiT) Inventory, Keeping Accurate Records, Inventory Calculators.

Supply Chain Groups

- Supply chains are complex relationships among groups that interact to move goods, products, and services from suppliers to customers.
 - Learning Outcome: The Student will have an understanding of Suppliers, Producers, Customers, Customer's Customer.

Tracking and Monitoring

- Tracking and monitoring inventory, production, and sales is important for supply chains as with any enterprise.
 - Learning Outcome: The Student will have an understanding of Dashboard, RFID, Alert Generation, Stock Keeping Unit (SKU).

Supply Chain Event Management

- Supply Chains are complex networks with special requirements for successful operation. At any point within the chain, events can occur to upset the flow further downstream.
 - Learning Outcome: The Student will have an understanding of Inventory Alerts, Supplier Alerts, Bottlenecking, Being Proactive.

The Basics of Lean

- This module is designed to provide a general background regarding Lean methodology.
 - Learning Outcome: The content includes basic information on its development and creation as a process improvement vehicle and some of the concepts upon which it is built. We will also cover some of the frequent Lean terms and discuss the reasons for applying Lean in the workplace.

Lean in Action

- This module discusses some of the analysis and procedural activities of undertaking a Lean review.
 - Learning Outcome: We will discuss what they are and give appropriate examples where possible. The module is the core for understanding the actions of a Lean review of a production process.

The Impact of Lean

- This module looks at how to manage within a Lean environment and what considerations need to be taken account of when making management decisions.
 - Learning Outcome: We will look at the impact of Lean across several industry sectors and conclude by looking at the way Lean and Six Sigma have become closely integrated.

Learning Resources

Recommended:

Material included with your purchase is recommended reading.

- Free online training material provided by MSI. The material includes everything you will need to learn to pass the exam. This material is included for free with the purchase of your exam. It is in digital form, and available immediately after payment.

Optional:

This material is not required, however it will assist you in becoming Supply Chain Certified.

- Paul Myerson (Feb, 2012), Lean Supply Chain and Logistics Management, ISBN-13: 860-1400847923
- James Martin (Apr 2014), Lean Six Sigma for Supply Chain Management, Second Edition: The 10-Step Solution Process, ISBN-13: 978-0071793056

Preparing for Success

In order to successfully complete the LSCMC exam, you will need to make sure you have the appropriate resources to support your learning.

- A quiet location, free from distraction.
- Internet access.
- Current (newest) version of Internet Explorer, Firefox, or Chrome browser.
- Take study notes while going through the training.
- When you are ready to take the exam, you should allot 3-hours of time.

Frequently Asked Questions

What happens if I fail the exam?

- You are given two additional attempts to pass the exam at no additional cost.

Will I receive a physical certificate in the mail?

- Yes, MSI will mail you a certificate suitable for framing as well as transcripts.

Will I receive Professional Competency Units (PCU's)?

- Yes, the Lean Supply Chain Management Certified (LSCMC) exam awards 30 PCU's upon passing of the exam.