

## COURSE OUTLINE

**Programme:** Executive Development Courses

**Course Title:** Supply Chain Management Principles (**SBSC6615**)

**No. of Hours:** Twenty-four (24)

### Overview:

Gain a solid foundation in the basics of supply chain management principles and its roles within organizations. This course provides an understanding of fundamental concepts of supply chain management principles. All functional areas of supply chain management are explored in an integrated view of demand planning, procurement, warehousing operations, inventory management, manufacturing and service operations, transportation and customer service operations. Topics also cover supply chain strategy and metrics, network design, collaboration and performance measurement

You will learn how the supply chain supports your organization's strategic and financial goals. This course is designed for a wide range of professionals already in the supply chain profession as well as learners seeing to enter the field.

### Objectives:

Upon successful completion of this course, students should have a comprehensive understanding of how business functions can interact through the supply chain to impact overall firm performance. Specifically, students should be able to:

1. Define Supply Chain Management (SCM), describe SCM objectives and understand basic supply chain components, terminology, and techniques.
2. Assess the strategic role and impact of supply chain integration.
3. Understand how supply chains influence competitiveness, profitability and sustainability.
4. Explain the role procurement, warehousing, inventory management, manufacturing, transportation and customer service play in the integrated supply chain.
4. Use critical thinking skills in SCM, in structuring and analyzing practical problems.

## How You Will Benefit?

- Understand how demand shaping is used to manage demand
- Distinguish between qualitative and quantitative methods of forecasting
- Categorize the different types of demand patterns
- Understand the concept of strategic sourcing
- Recognize the steps in the procurement process
- Understand the various types of buyer-supplier relationships
- Understand the importance of the total cost of ownership when making purchases.
- Communicate the characteristics of a warehouse and a Distribution Centre
- Articulate some of the key operations of a warehouse
- Identify several key performance indicators for successful inventory management
- Understand inventory turns
- Understand the significance of Manufacturing and Service Operations in the supply chain process
- Understand how different areas of product transportation affect the overall success of companies.
- Identify the challenges in establishing efficient and effective transportation processes within industries
- Demonstrate metrics used to measure transportation service quality and efficiency
- Recognize the four elements of supply chain customer service

## Content:

### What You Will Learn

- Supply Chain Management Principles
- Demand Planning Overview
- Supply Management and Procurement Overview
- Warehousing Operations Overview
- Inventory Management Overview
- Manufacturing and Service Operations Overview
- Transportation Operations Overview
- Customer Service Operations Overview

### Methodology:

This course uses the on-line format along with access to the CSCMP e-learning portal for additional course materials and practice questions. Several practical exercises are used throughout the course, with multiple choice tests, and group discussion boards. Participants will be expected to prepare critical analysis of case studies which is based on real world scenarios.

### Method of Assessment:

The final performance grade for the course will be determined as a composite of individual and team assignments, in-class exercises, and case studies. The purpose of multiple forms of evaluation is to fairly assess diverse styles of learning and abilities.

**NB. Please note that all participants MUST sit the international CSCMP on-line exam to be awarded the Supply Chain Management Principles Track Certification**

### Certification:

At the end of the course, participants will be awarded a Certificate of Achievement from MSBM – Professional Services Unit.

CSCMP International Track Certification – In order to be awarded with the SCMP Track Certificate, participants must successfully sit the international exam and receive a final score of 50% or more. This designation will be awarded by the CSCMP.

### Pre-requisites:

No prior knowledge of supply chain management is assumed or required for this course.