

Logistics & Operations in the Supply Chain—Course Three

INTEGRATED SUPPLY CHAIN MANAGEMENT PROGRAM

- ▶ **Location:** Knoxville, Tennessee
- ▶ **Duration:** 2½ days
- ▶ **2010 Dates:** February 15-17
November 15-17
- ▶ **Tuition:** \$3,150 (includes meals and lodging);
\$1,575 if repeating the course
- ▶ Program fees are subject to change. Check our web site (<http://TheCenter.utk.edu>) for the latest information.
- ▶ Prerequisites: none.
- ▶ Class size is limited.

Participant Profile

Supply chain management issues are permeating every business in the modern world. As such, this course in the *Integrated Supply Chain Management Program* is aimed at executives and managers who have experience in the traditional business functions (finance, production, marketing, sales, accounting, engineering, logistics), but want to add to their knowledge of how these functions work together within the company and across companies in the supply chain. Experienced managers and executives (even within logistics)—with or without a graduate business degree—should consider adding this expertise in supply chain management to their personal education.

Course Overview

This course teaches state-of-the-art strategic management thinking as it applies to the logistics functions of firms with global operations. Within this broad framework, participants will develop a capacity for analyzing operations and logistics problems on a functional, firm, and enterprise

basis, that will enable them to develop a systematic framework for analyzing the behavior of large and complex supply chain networks. Examples of the issues to be addressed in this course include:

- ▶ Optimal design of the logistics network.
- ▶ Strategic supplier network development.
- ▶ Adequate safety stock levels and the risk-pooling concept.
- ▶ Cost-effective distribution strategies.
- ▶ Operations management in warehousing and transportation.
- ▶ Strategic alliances and outsourcing.

Options

- ▶ This course may be taken as an independent course.
- ▶ A certificate plaque is awarded to those that take this course and the five other supply chain courses.
- ▶ Those that take this course, all five of the other supply chain courses, and pass all six “exams” earn Supply Chain Management Certification.
- ▶ Taking this course and up to two of the other supply chain courses will count towards the UT Executive Development Certificate.

Certification

Participants may take this course as part of the full *Integrated Supply Chain Management Certification Program*. Other courses needed for certification are: *Supply Chain Management Strategy*, *Demand Management in the Supply Chain*, *The Lean Enterprise and the Supply Chain*, *Supply Chain Resource Management*, and *Integrative Supply Chain Experience*. There will be a knowledge assessment (test or assignment after completion of the course

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and participants return to work) for those pursuing certification.

Key Objectives

- ▶ To learn about key issues and current trends in logistics and operations.
- ▶ To define how the various components of logistics operate in ways that produce value in the supply chain.
- ▶ To understand the value added by collaboration and linkages in logistics and operations, as well as to the supply chain.
- ▶ To develop a framework of analysis for strategic supplier relationship management that creates differential advantage for the supply chain.
- ▶ To impart an understanding of inventory strategies as they relate to flexibility, speed, production capacity, and the creation of customer value.
- ▶ To provide an experiential learning exercise that emphasizes the value of an integrated approach to logistics and operations.
- ▶ To apply logistics concepts and practices that result in transformed supply chains.
- ▶ To examine the framework of this course in relationship to the other courses of the *Integrated Supply Chain Management Program*, and the context for the modern supply chain manager.

Distinguishing Features

- ▶ Dr. Mary Holcomb—noted for broad industry experience in logistics and operations—along with other selected University of Tennessee faculty members are responsible for this course.
- ▶ The core text for the course is *Designing and Managing the Supply Chain* (David Simchi-Levi, Philip Kaminsky, and Edith Simchi-Levi). The text is noted for being a collaboration between academia and the industry.

- ▶ The University of Tennessee’s programs in Logistics and Supply Chain Management have consistently been ranked among the best education programs in the field.
- ▶ The course has been designed to ensure the active involvement of all participants. A balance of theory and application is provided through lecture, cases, and a simulation.

The course, like all Center for Executive Education open enrollment programs, is available as a customized, in-house program for organizations.

Faculty

- ▶ **Dr. Terry L. Esper:** Assistant Professor of Logistics.
- ▶ **Dr. James H. Foggin:** Associate Professor Emeritus of Logistics.
- ▶ **Dr. Mary C. Holcomb:** Associate Professor of Logistics.
- ▶ **Dr. Diane A. Mollenkopf:** Associate Professor of Logistics.
- ▶ **Dr. Lloyd M. Rinehart:** Associate Professor of Logistics.
- ▶ **Dr. Funda Sahin:** Associate Professor of Logistics.
- ▶ **Dr. Theodore P. Stank:** Professor of Logistics, Interim Associate Dean of Academic Programs, and Dove Professor of Logistics.

Facilities

Classes are held in the executive classrooms at UT’s Center for Executive Education. These facilities are designed to promote group interaction in an environment conducive to applied discussion, feedback, and the development of relational networks that frequently continue well beyond the on-campus experience.

Accommodations are single-occupancy rooms at the nearby Knoxville Hilton Hotel. Transportation from the hotel to the Center and to dining is provided.

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Contact

For more information on the *Logistics & Operations in the Supply Chain* course, please contact:

Bric Wheeler, Director
Karen Hanlon, Program Coordinator
 Center for Executive Education
 College of Business Administration
 The University of Tennessee
 603 Haslam Business Building
 Knoxville, TN 37996-4160

Phone: +1-865-974-5001
 FAX: +1-865-974-4989
 E-mail: TheCenter@utk.edu

Website

For current information about the Center for Executive Education and its offerings, visit our web site at <http://TheCenter.utk.edu>

Related Courses

- ▶ Logistics Executive Development Program
- ▶ Integrated Supply Chain Management Program
- ▶ Supply Chain Management Strategy
- ▶ Demand Management in the Supply Chain
- ▶ The Lean Enterprise and the Supply Chain
- ▶ Supply Chain Resource Management
- ▶ Integrative Supply Chain Experience
- ▶ Performance-Based Logistics: The Basics and Beyond
- ▶ Vested Outsourcing

COURSE SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY
8:10-9:40	Logistics Trends and Issues	Warehouse Strategies	National Design Strategies
10:00-11:30	Impact of Logistics	Order Fulfillment	Integrated Logistics Operations
12:30-2:00	Inventory Strategies	Manufacturing/Logistics Interfaces	
2:15-3:45		Procurement/Logistics Interfaces	
4:00-5:30	Transportation Strategies	Network Design Strategies	