

The second of our two modules on Supply Chain Strategies, this module will teach you a set of strategies designed for responsive supply chains. Building on the framework we presented in "SCM102: Supply Chain Strategies I: Aligning Strategies; Efficiency and Cost Savings", you will explore a set of concepts that will help improve customer response time and deal with highly uncertain demand. You will learn a powerful tool for hedging demand uncertainty, so that you can minimize your total cost by taking into account both the opportunity cost of stockouts and the costs of excess inventory.

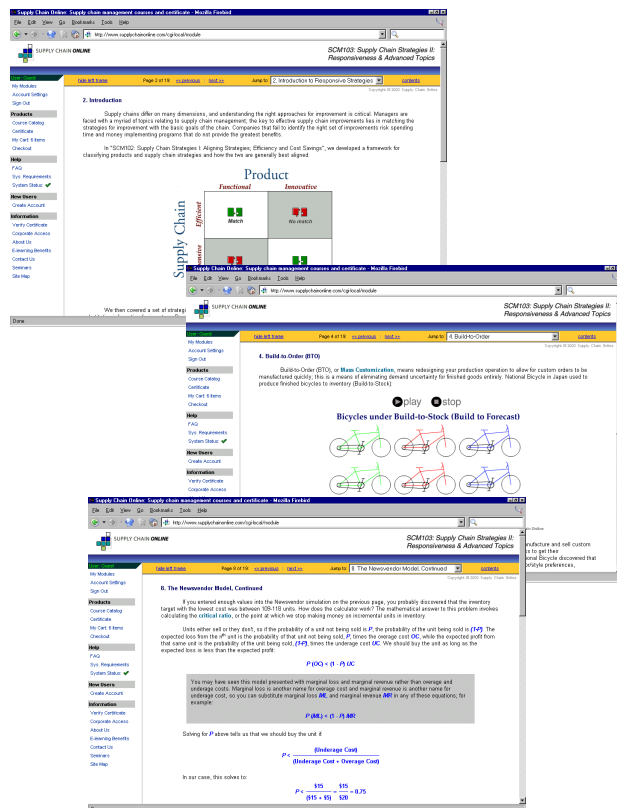
You will learn several advanced, emerging strategies that apply to a wide range of supply chains. You'll see how to understand and cope with supply uncertainty to make your production process more reliable, use "active" demand management methods to minimize the impact of shortages, and discover new types of supplier arrangements that share risk among supply chain partners while providing benefits to all players. Finally, you'll see which of the strategies you've learned aren't software-intensive and understand how you should go about evaluating software for those cases where it is a critical part of the improvement strategy. This can prevent costly mistakes that don't move your company forward.

Course Benefits:

- Improve responsiveness and shorten lead times for innovative products or those in the early stages of the product life cycle
- Create win-win situations with suppliers by implementing quantity-flexible contracts that share risk supply chain partners
- Learn several advanced strategies, including avoiding/reducing/hedging supply uncertainty, demand management, and a complete analysis of a risk-sharing contract
- Avoid wasted time and unnecessary expense by understanding which supply chain concepts do not need expensive software for implementation

Contents:

- Accurate Response and Risk-Based Production Planning
- * Build-to-Order/Mass Customization
 - * Pre-Positioning and Fast NPI
 - * Component Commonality
 - * Hedging Demand Uncertainty – The Newsvendor Model
 - * Supply Uncertainty
 - * Demand Management
 - * Risk Sharing
 - * The Role of Software



Module Specifications:

- Delivery Method: Online (Internet browser)
- Estimated Study Time: 1 hour, Approx. 8,400 words

System Requirements:

- Internet Explorer 5.0 or higher **OR** Netscape 4.X or higher
- JavaScript, cookies enabled
- Macromedia Flash 4
- 800 x 600 minimum screen resolution