This program is in the Executive Certificate in Technology, Operations, and Value Chain Management track.

**Program Details**

Led by world experts, this practice-oriented program investigates a robust MIT framework for better managing supply chains in today’s rapidly changing markets. Participants will explore:

- The next big trend in supply chain strategy, and the key skills required to be successful
- How to better structure a company’s supply-chain strategy
- Guidelines for making strategic sourcing and make-buy decisions
- How to integrate e-business thinking into supply chain strategy and management
- How to blend recent developments in information systems and communication technology with sophisticated decision support systems and create a comprehensive strategy for manufacturing and logistics
- “Clockspeed benchmarking,” a tool for deriving critical business insights and management lessons from industries with the highest obsolescence rates of products, process technologies, and organizational structures (industrial “fruit flies”)
- How to assimilate sustainability into your supply chain strategy
- Why all advantages in fast clockspeed environments are temporary

Many participants attend this program along with Developing a Leading Edge Operations Strategy.

**Takeaways**

In the past, supply chain practice has been primarily tactical, but this program presents a new and innovative approach to supply chain design, which will enable program participants to better understand:

- The role of supply chain design in business strategy and why, if not linked, your supply chain design can undo a company’s entire business strategy
- Forces that influence supply chain structure—how supply chain structures change; how supply chain structures and industry structures overlap; and how these structures are affected by the speed of change in a given industry
- Integrating supply chain design with product and process development
- Connecting supply chain design with supply chain management and logistics
- Supply chains in the age of e-business

**Brilliant insight of lessons learned and evolving strategies in supply chain management.” —Timothy Byrd  
Global Operations Leader  
DuPont**

**I came to MIT for a memorable experience. What I got was out of this world. Many thanks to the three instructors for their depth, insight and sense of humor. Sound perspective from the instructors mixed with international viewpoints from other participants.” —Idris M.  
Past Participant**

http://executive.mit.edu/sc
Supply Chain Strategy and Management

Sample Program Schedule
(subject to change)

Day 1
- 7:45 AM–8:30 AM: Registration and Continental Breakfast
- 8:30 AM–12:00 PM: Fruit Flies & Supply Chain Evolution
  Supply Chain Design & 3-DCE
- 12:00 PM–1:00 PM: Luncheon
- 1:00 PM–5:00 PM: Supply Chain Architecture, Strategic
  Sourcing and Value Chain Roadmapping
- 5:00 PM–6:00 PM: Reception

Day 2
- 7:45 AM–8:30 AM: Continental Breakfast
- 8:30 AM–12:00 PM: Supply Chain Integration, Inventory
  Management and Procurement Strategies
- 12:00 PM–1:00 PM: Luncheon
- 1:00 PM–4:00 PM: Strategic Partnering in Supply Chain
  Management, Risk Management, Supply
  Chain Planning Systems

Participants
This program has been designed for senior managers who are responsible for the general business and strategic management of product supply and development, including:

- VPs of manufacturing, product development, and purchasing and distribution
- Senior supply chain managers and project management executives in any company which manufactures or distributes products, including component manufacturers, contract manufacturing companies, semi-conductor manufacturers, equipment manufacturers, consumer goods manufacturers, telecom companies, financial services companies, and retailers who would like to control more of the supply chain

Program Faculty
Please note that faculty are subject to change and not all faculty teach in each session of the program.

Thomas Roemer is a Senior Lecturer in Operations Management and has served as the Executive Director of the Leaders for Global Operations (LGO) Program since July 2014. Roemer is interested in the intersection of engineering and management and, in particular, the value creation during the design, manufacture, and delivery of products.

David Simchi-Levi is a Professor of Engineering Systems at MIT and the Co-Director of Leaders for Global Operations. His research currently focuses on developing and implementing robust and efficient techniques for logistics and manufacturing systems. He has published widely in professional journals on both practical and theoretical aspects of logistics and supply chain management.

“The program and speakers were both equally outstanding, with the combination being a quantum step above any other program I have ever experienced.”

—James deMin
Senior Consultant
British Telecommunications

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