

# SCO 6056 Managing Supply Chain Operations

## Executive Summary

<b>Course:</b>	SCO 6056 Managing Supply Chain Operations
<b>Credits:</b>	4 credits
<b>Prerequisites:</b>	MBA 6220 and MBA 6120, or permission of instructor

### **Description**

In our increasingly complex world of outsourcing, global operations, and fast changing business environment, understanding how supply chains operate, and how they can be improved, is a key management skill. The goal of this course is to offer a solid foundation for understanding the decisions and tradeoffs managers face as they direct supply chain operations between and within corporations. The course covers the major operational functions of plan, source, make, deliver, and return, and introduces tools for analyzing and improving supply chains at a global level.

Even for students who do not expect to work directly in an operations environment, this course will be useful in several ways. First, it will give you a perspective on the challenges and opportunities of managing on a global scale. Also, with the relentless increase in outsourcing and off shoring, virtually everyone who goes into business will be faced with the need to “strategically source” a product or service at some point in their career. Finally, even if you avoid the fate of outsourcing or off shoring part of your own functional domain, the inherently cross-functional nature of supply chains will still demand your attention whether as a financial advisor, a marketing analyst, or sales professional.

Supply chain management has been one of the major growth areas in consulting over the past few years and an increasing number of industries consider expertise in this area vital; these include retailing, high-tech, consumer goods, automotive, chemical, pharmaceutical, and food & beverage industries. Students taking this course will learn the fundamentals of successfully exploiting global supply chains by looking strategically at the full supply chain, understanding the total cost economics, and adjusting for the appropriate industry dynamics.

### **Objectives**

The goals of the course are to provide an understanding of

- How to develop a supply chain strategy that is appropriate given a firm’s capabilities, its competitive environment, and the capabilities of its global supply chain partners
- How to design and management supply chain operations to support the supply chain strategy
- How to continue to innovate and improve the key supply chain operations of plan, source, make, deliver, and return.

### **Learning Outcomes**

Students will learn both the significance of various supply chain practices as well as how to apply specific tools and concepts in a variety of industry settings to improve supply chain performance.