

Certificate in

# Supply Chain Management

PROFESSIONAL DEVELOPMENT

## LEARN TO COORDINATE AND INTEGRATE FLOW OF MATERIALS, INFORMATION AND FINANCES TO IMPROVE PRODUCTIVITY

Learn how to effectively and efficiently manage the activities of the supply chain, and prepare yourself for an in-demand career with solid earning potential. Supply chain management is defined as the process of managing materials, information and financial flows in a network of suppliers, manufacturers, distributors, and customers. The coordination and integration of these flows is critical.

This program is designed to help you understand the importance of the supply chain, the role it plays in an organization's strategic development and the need for accurate inventory management techniques. You will also learn about supplier relationship management, procuring from international resources and working with diverse cultures.

The Certificate in Supply Chain Management consists of six courses totaling 120 hours of lecture and hands-on experience. The certificate graduate will receive 12.0 Continuing Education Units.



### PROGRAM OBJECTIVES

Graduates of the certificate program will be able to:

- Understand the importance of the supply chain and the particular activities in that chain
- Improve the effectiveness of a supply chain and the associated activities
- Understand the role supply chain plays in an organization's strategic development
- Identify the need for and methods of accurate inventory management techniques within the supply chain
- Provide an in-depth analysis of the logistical distribution activities in the supply chain and the role technology tools play in the process
- Analyze the basic elements and strategies of supplier relationship management from a customer service perspective
- Implement techniques to better manage the supply chain
- Have a familiarity with difficulties encountered when procuring from international sources
- Understand and work with diverse cultures

### WHO SHOULD ATTEND?

- Warehousing supervisors and managers
- Traffic/transportation supervisors and managers
- Shipping/receiving clerks and supervisors
- Purchasing managers and buyers
- Inventory analysts and managers
- Supply and demand planners

Register today at [www.csufextension.org](http://www.csufextension.org) or 657.278.2611

For more information, contact Denelle Pankratz 657.278.2605, [dpankratz@fullerton.edu](mailto:dpankratz@fullerton.edu)

## THE CLASSES

### **INTRODUCTION TO PURCHASING AND SUPPLY CHAIN MANAGEMENT**

**SBAE 5297 (2.4 CEUs/24 hours)**

*Prerequisite: none.* This class is an in-depth study of purchasing and materials activities in the supply chain. You will gain a working knowledge of techniques used to improve the effectiveness of these activities as well as their interactions with other functions and companies. You will learn about supplier selection and development, contract administration, negotiation, commodity analysis, just-in-time purchasing, scrap disposal, international sourcing, and the need for coordination with other functions and activities along the supply chain.

### **INVENTORY CONTROL AND MANAGEMENT IN THE SUPPLY CHAIN**

**SBAE 5298 (2.1 CEUs/21 hours)**

*Prerequisite: none.* Gain a comprehensive understanding of the need for and methods of accurate inventory management techniques within the supply chain. You will learn methods for determining inventory levels, safety stocks and reorder points. You will also acquire a working knowledge of warehousing and logistics, and learn how to analyze material flow through the supply chain.

### **SUPPLY CHAIN LOGISTICS**

**SBAE 5299 (2.1 CEUs/21 hours)**

*Prerequisite: none.* This class is an in-depth study of the logistical distribution activities in the supply chain: order entry and picking, transportation, and warehousing. You will learn the nature and steps of the order entry process and the use of technology tools. Discussions focus on warehousing alternatives, transportation and traffic management, types of carriers, and financial and legal issues. You also learn the current trends in this area including outsource alternatives, using 3PL and 4PL, the latest software tools, and technology trends impacting this dynamic industry.

### **CUSTOMER AND PROCESS MANAGEMENT IN THE SUPPLY CHAIN**

**SBAE 5301 (2.1 CEUs/21 hours)**

*Prerequisite: none.* Analyze the basic elements and strategies of supplier relationships as seen from a customer service perspective. Customer service is considered the catalyst for reorders along the supply chain. You will learn about these concepts from both an operational and managerial approach. Topics include technical innovations (JIT, EDI, MRP) and the critical role customer service plays in developing leading edge organizations.

See course schedule for next offering.

### **INTRODUCTION TO GLOBAL SUPPLY CHAIN PROCUREMENT**

**SBAE 5302 (0.9 CEUs/9 hours)**

*Prerequisite: none.* Develop an overview of international procurement in the Global Supply Chain. You will become familiar with the difficulties encountered when procuring from international sources. Through interactive exercises and case studies, you will gain skills and knowledge in understanding, relating to, and working with people of different and diverse cultures.

### **SUPPLY CHAIN MANAGEMENT: DESIGN & OPTIMIZATION**

**SBAE 5300 (2.4 CEUs/24 hours)**

*Prerequisite: completion of the five previous classes in this certificate program.* This capstone class includes an overview of the supply chain, activities within the supply chain, and techniques to better manage the supply chain. Through projects and case studies, you will integrate and use the knowledge acquired in the previous courses. You also learn to measure and manage the performance of the supply chain.

For more information [www.csufextension.org](http://www.csufextension.org) or  
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