

Supply Chain Management (SCM)

Business and Social Sciences Division,
Room T302, (847) 543-2047

SCM 110 Introduction to Supply Chain Management (3-0) 3 Hours

Pending ICCB Approval

This course introduces the basics of end-to-end Supply Chain Management (SCM) that are necessary in achieving market and financial value to the company. Students will explore the basic fundamentals of SCM including planning, sourcing, inventory management, warehousing, distribution, logistics and transportation focusing on the role of the front line worker and how their function relates to the business in the service, retail, distribution and manufacturing industries. (1.2)

Prerequisite: BUS 121 (C or better)

SCM 115 Sourcing and Procurement (3-0) 3 Hours

Pending ICCB Approval

This course focuses on the strategic role and issues in sourcing and procurement within the supply chain function. Students will discuss the purchasing process, procurement cycle, relationships with suppliers, negotiations, commodities and global sourcing. Students will evaluate cost, price, and value analysis as part of the decision process. (1.2)

Prerequisite: SCM 110 (C or better)

SCM 120 Inventory Management and Planning (3-0) 3 Hours

Pending ICCB Approval

This course provides an overview of the dynamics of inventory management and the crucial role that planning plays in the constantly changing supply chain environment. Topics include in-depth understanding of forecasting, customer demand, production planning, new product launches, managing slow moving and obsolete inventory and the technologies needed to support these areas. Concepts in Inventory Management complement those learned in Sourcing and Procurement for a big picture frame of reference. (1.2)

Prerequisite: SCM 110 (C or better)

SCM 125 Warehousing and Distribution (3-0) 3 Hours

Pending ICCB Approval

This course provides students with an understanding of the role of warehousing within the larger Supply Chain function and the crucial role it plays to the business's bottom line. Concepts revolve around the movement of goods within the warehouse environment, including best methods for material handling, warehouse layout, technology and packaging beyond just protection. Students will learn present day warehouse automation and shipping and receiving methods. (1.2)

Prerequisite: SCM 110 (C or better)

SCM 130 Logistics and Transportation (3-0) 3 Hours

Pending ICCB Approval

This course provides a foundation for the role of transportation and logistics in meeting the needs of the customer as well as the objectives of the company. Students will analyze transportation methods and systems and discuss the role of cost vs. customer service. Regulatory and environmental impacts as well as specific requirements for moving goods between countries will be emphasized. (1.2)

Prerequisite: SCM 110 (C or better)

SCM 150 Supply Chain Management Internship (1-10) 3 Hours

Pending ICCB Approval

This course provides students with an opportunity to gain practical work experience under the supervision of a Supply Chain manager. The student must complete 150 hours of work at the internship site approved by the CLC supply chain curriculum coordinator. In addition to on-site work, the student will attend a one hour per week internship seminar. (1.2)

Prerequisite: 18 hours of SCM coursework

SCM 215 Operations Management (3-0) 3 Hours

Pending ICCB Approval

This course will give students a broad, practical perspective towards the field of Operations Management, a core business function. Students will examine concepts and problems encountered in planning, operating and controlling the production of goods and services. Topics include scheduling, inventory management, logistics, quality assurance, supply chain management, facility location and the use of state of the art computer systems to better manage operations.

SCM 215 and BUS 215 are cross-listed. (1.2)

Prerequisite: BUS 121 (C or better) and Basic Algebra Readiness