

SUPPLY CHAIN MANAGEMENT (SCM)

SCM 101 Introduction to Supply Chain Management (3 credits)

This course introduces students to the role of supply chain management in the global economic system. Students examine the role of supply chain components, logistics concepts, warehousing practices, and distribution management.

Prerequisite(s): BA 101 and MATH 026 or (PARCC Algebra II with a score of 750)

SCM 102 Information Systems in Supply Chain Management (3 credits)

This course introduces students to the technology applications and the role of supply chain logistics in e-commerce. Students study the role of supply chain logistics in the global marketplace, and emerging trends in technology, organization, and management. Topics covered include supply chain performance measurement, demand management, transportation, inventory management, global logistics, and financial supply chain management. SCM 101 may be taken concurrently.

Prerequisite(s): SCM 101

SCM 103 Inventory Management (3 credits)

This course introduces students to inventory asset management techniques and the impact on the supply chain logistics in e-commerce. Students study the role of supply chain logistics in the global marketplace, emerging trends in inventory management technology, and financial management techniques. Topics covered include inventory analysis, performance measurement, demand management, cycle time techniques, inventory optimization, and the impact on financial supply chain management.

Prerequisite(s): SCM 101

SCM 204 Transportation in Supply Chain Management (3 credits)

This course introduces students to the transportation options and the role of supply chain logistics in e-commerce. Students study the role of supply chain transportation logistics in the global marketplace. Topics covered include supply chain transportation performance measurement, transportation optimization, transportation alternatives, global logistics, and financial supply chain management.

Prerequisite(s): SCM 101

SCM 205 Warehousing and Distribution Center Solutions (3 credits)

This course examines the importance of warehousing, customer service, and how a company can use it to provide a competitive edge. Students study the role of product warehousing and distribution in the global marketplace, and emerging trends related to distribution centers. Topics covered include facility layout and design, space utilization, order pick pack processes, material handling and storage, and operational best practices.

Prerequisite(s): SCM 101

SCM 206 Optimizing Distribution Networks (3 credits)

This course introduces students to the process of evaluating and optimizing the network of distribution centers in supply chain logistics. Students study the role of supply chain distribution center throughput costs, handling costs, and transportation logistics in the global supply chain. Topics covered include supply chain distribution center performance measurement, transportation optimization, global logistics, and financial supply chain management.

Prerequisite(s): SCM 101