

## Introduction to Supply Chain Management

### Course Overview

The supply chain management industry is a growing industry seeking high-skilled workers. The Workforce Access *Introduction to Supply Chain Management* online course is aimed at helping learners develop an understanding of the industry-specific competencies needed for careers in supply chain management, and to build the academic and workplace skills needed for success in postsecondary or career training. Students are introduced to different jobs in the various sectors of the supply chain management industry:

- Logistics, Planning, and Supply Chain Management Services
- Manufacturing and Production
- Procurement Planning and Order Management
- Inventory Control
- Warehousing and Distribution Center Operations
- Transportation Operations

### Learning Outcomes

While taking this course, students will learn to:

- Identify the components of a supply chain, and the resources and planning involved in managing a supply chain
- Describe the importance of forecasting, planning, and scheduling
- Describe how software systems are used to make supply chain decisions and improve processes
- Explain the role of integrated service providers and identify types of supply chain integration agreements
- Discuss the role of customer service in supply chain management
- Explain procurement planning, inventory control and planning, and safe and efficient storage methods
- Describe the role of manufacturing and the types of production systems
- Describe how logistics supports manufacturing processes and how to plan for efficient manufacturing
- Explain the role of warehouses in the supply chain, and how products get from manufacturer to consumer
- Describe the different modes of transportation and the functions of transportation management
- Describe the global supply chain and the challenges and benefits of operating globally
- Develop reading for information, locating information, and applied mathematics skills contextualized to the supply chain management industry

### Modes of Course Delivery

The *Introduction to Supply Chain Management* course can be used as a core curriculum or as a supplement to enhance regular instruction. Because of this flexibility, the course can be delivered in a self-paced or a customized mode. Custom mode allows instructors to assign individual lessons and assessments and set the pace for the course.

### **Pacing and Course Duration**

Sample 10-week and 12-week pacing guides are provided in the Teacher Planning Guide. The pacing guides can be used as is or adapted to account for shorter or longer terms to suit individual needs. Each of the lessons requires approximately 40-50 minutes of study. Additional academic skill support lessons, discussion prompts, and writing activities can be used to enhance students' learning.

### **Assessments and Reporting**

Assessments for the course include interactive formative assessments within each lesson, as well as scored pretests and posttests for each lesson. Teachers and students can generate reports to show progress and mastery of industry and academic knowledge of skills.

### **How to Access *Introduction to Supply Chain Management***

When you order *Introduction to Supply Chain Management*, you will access everything you need in the ConnectED Learning Management System, including the core lessons, academic skill support lessons, teacher planning guide, lesson plans, and other useful resources. For more information on this or other *Workforce Access* courses, please go to [www.workforceaccess.com](http://www.workforceaccess.com).

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