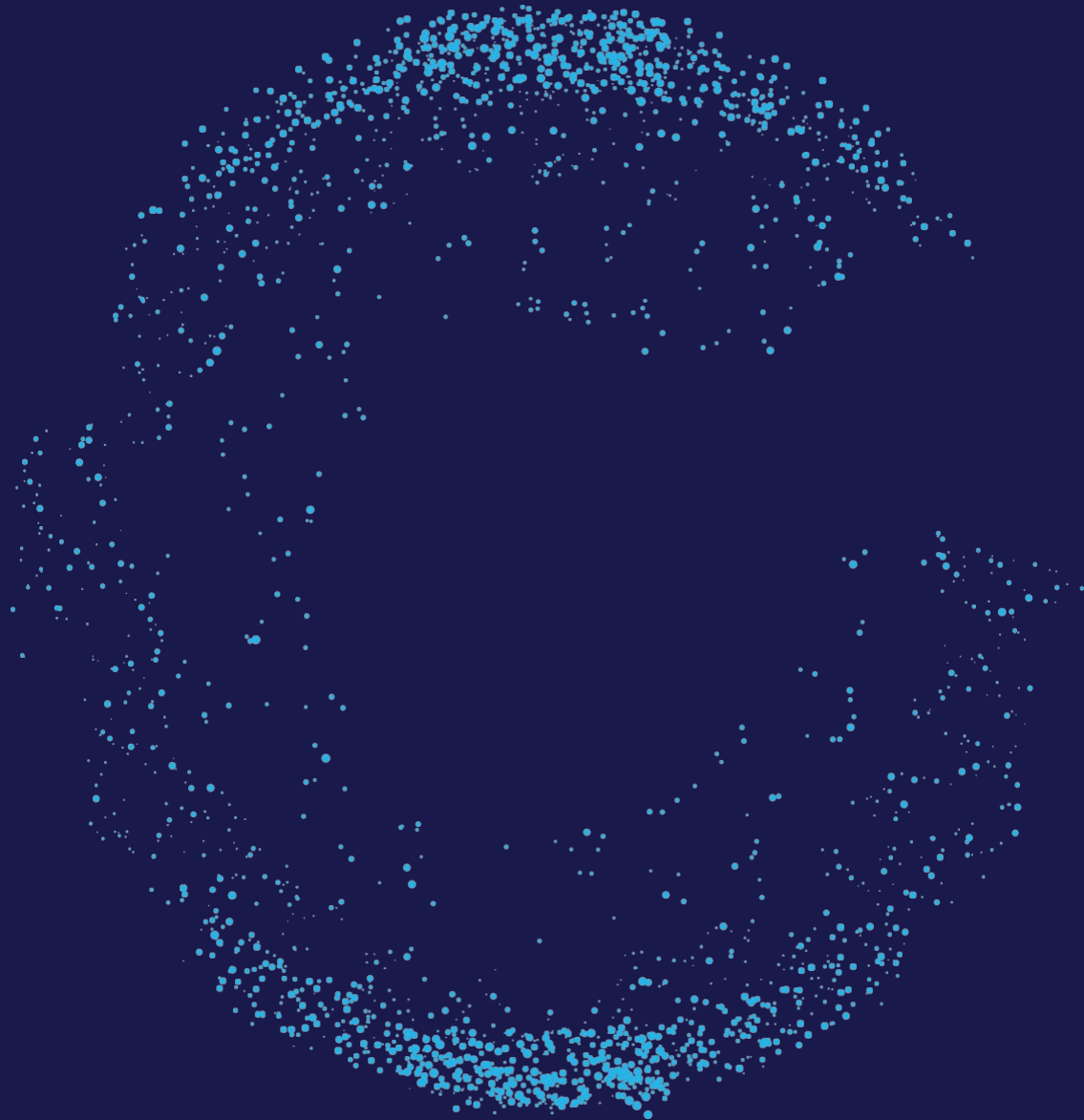


# Education Services

## Course Catalog



## Supply Chain Management

Revision Date: August 2026

# About This Catalog

This catalog is your essential guide to Blue Yonder Supply Chain Management instructor-led training course.

The catalog provides a structured overview of the available course and its learning objectives, audience, and duration. For assistance or guidance in selecting the right course, you can contact your Blue Yonder Customer Experience or Education Services team.

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## About Blue Yonder Education Services

Blue Yonder Education Services seeks to improve supply chain excellence by offering innovative, tailored, and cost-effective training solutions. It focuses on transforming training with adaptable, high-quality programs that help you achieve your business goals, deliver industry-leading performance, and drive economic growth. Blue Yonder Education Services' core offerings include:

- Product courses delivered in person or virtually, as instructor-led training
- Public schedule and private course events
- Applied coaching and mentoring services
- Digital subscriptions and online courses
- Certifications
- Skill gap analysis surveys and training need assessments
- Organizational change and end-user training advisory and professional services

## Blue Yonder Education Courses

Designed to facilitate effective adoption and utilization of its software solutions, Blue Yonder training courses provide a structured, expert-guided learning experience.

### Features and Benefits



 Offer in-person or live virtual classroom training, delivered by a qualified Blue Yonder instructor, with standard or customized courses and hands-on exercises

 Provide comprehensive training on specific Blue Yonder solutions and related business processes

 Ensure learner engagement throughout the training program

 Award learners with badges and certification, when applicable

# Supply Chain Management Foundation Course

## Catalog—Overview

The Blue Yonder Supply Chain Fundamentals Course is your gateway to understanding the intricacies of modern supply chains — a crucial element in any successful business strategy. In today's dynamic market environment, mastering supply chain management is essential for driving financial success and enhancing shareholder value.

We have developed this course in collaboration with the University of Arkansas, a renowned leader in Supply Chain Management education in the United States. This partnership aims to equip you with the fundamental expertise necessary to excel in contemporary supply chains.

In this course you will explore the supply chain framework, examining key terminology, decision points, and outcomes that lead to success. You will learn to assess operations through core KPIs, understand industry-specific obstacles, and uncover paths to process maturity.

You will apply your acquired knowledge in interactive group case studies, learning from real-world scenarios to sharpen your skills in collaborative, practical situations.

Finally, you will have the opportunity to become certified by the University of Arkansas in BY Supply Chain Fundamentals.

| Course Name                                      | Course Objectives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Audience                                  | Duration |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------|
| <b>5091: Blue Yonder Supply Chain Foundation</b> | <p>After completing this course, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Explain how supply chain components interrelate to deliver customer value</li> <li>• Describe common supply chain strategies and basic network design concepts</li> <li>• Explain Demand planning and demand forecasting techniques</li> <li>• Identify common forecasting methods and explain strengths, weaknesses, and appropriate use cases for each forecasting technique</li> <li>• Recall key production concepts and analyze production bottlenecks to quantify their impact on lead time</li> <li>• Analyze the impact of lead-time variability and service level targets on overall inventory cost.</li> <li>• Explain key logistics components and their impact on the overall supply chain drivers</li> <li>• Describe supply chain performance and the factors and metrics associated with total supply chain performance</li> </ul> | All Supply Chain Management Professionals | 3 days   |

# Supply Chain Management Foundation Course Details

## 5091: Blue Yonder Supply Chain Foundation

### Course Objectives

After completing this course, learners will be able to:

- Explain how supply chain components interrelate to deliver customer value
- Describe common supply chain strategies and basic network design concepts
- Explain Demand planning and demand forecasting techniques
- Identify common forecasting methods and explain strengths, weaknesses, and appropriate use cases for each forecasting technique
- Recall key production concepts and analyze production bottlenecks to quantify their impact on lead time
- Analyze the impact of lead-time variability and service level targets on overall inventory cost.
- Explain key logistics components and their impact on the overall supply chain drivers
- Describe supply chain performance and the factors and metrics associated with total supply chain performance

### Audience

All Supply Chain Management Professionals

### Prerequisites

No prerequisites are required for this course.

### Duration

3 days (in person or virtual)

### Training Level

Beginner and intermediate

| Lesson                                              | Learning Objectives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Duration |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>1.1: Conceptualizing Supply Chain Management</b> | <p>After completing this lesson, you will be able to:</p> <ul style="list-style-type: none"> <li>• Define supply chain management and describe its key components</li> <li>• Explain end-to-end supply chain phases and flows</li> <li>• Apply supply chain driver frameworks to assess organizational performance</li> <li>• Evaluate trade-offs between service levels and operational efficiency</li> <li>• Assess the strategic role of supply chain management in competitive advantage</li> <li>• Differentiate between responsiveness-oriented and efficiency-oriented supply chain strategies</li> </ul> | 2 hours  |

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>1.2: Implementing Supply Chain Management</b> | <p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Differentiate between push vs. pull processes and cycle processes</li> <li>• State the four cycles in the cycle view of supply chain management</li> <li>• Recall the categories of business value created by supply chain management</li> <li>• Explain how the concept of a push-pull boundary is used to balance supply chain efficiency and responsiveness</li> <li>• Describe how supply chain strategies and practices contribute to business value and performance</li> </ul>                                                                                                                                                                                                                                                     | <p>2 hours</p> |
| <b>2.1: Supply Chain Strategy</b>                | <p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Define competitive strategy, value chain, and supply chain strategy</li> <li>• Recognize competitive strategy categories</li> <li>• Describe how competitive strategy choices shape supply chain priorities and trade-offs</li> <li>• Describe how supply chain strategy enables competitive advantage</li> <li>• Explain the efficient vs. responsive strategy spectrum and when each fits</li> <li>• Summarize the cost–responsiveness efficient frontier and its managerial implications</li> <li>• Describe the key levers that are used to manage supply chain uncertainty</li> <li>• Explain strategic fit and the consequences of mismatch</li> <li>• Explain how functional supply chain capabilities enable strategy</li> </ul> | <p>2 hours</p> |
| <b>2.2: Supply Chain Network Design</b>          | <p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Define supply chain network design</li> <li>• Identify and describe the key roles of network design</li> <li>• Discuss the managerial implications of the core decisions in network design</li> <li>• Identify and describe the key considerations in network design</li> <li>• Describe the major steps in supply chain network design</li> <li>• Explain the trade-offs in network design and describe their implications</li> <li>• Discuss the inputs to network design models</li> </ul>                                                                                                                                                                                                                                            | <p>2 hours</p> |

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|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>3.1: Demand Planning</b>               | <p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Explain the purpose of demand planning</li> <li>• Describe how effective demand planning improves business performance</li> <li>• Differentiate between strategic, tactical, and operational planning levels</li> <li>• Explain the key components of demand planning</li> <li>• Explain lead time and the lead time gap</li> <li>• Identify major drivers that influence forecasts</li> <li>• Apply the correct planning level to a scenario and propose appropriate actions</li> <li>• Select an appropriate forecasting approach for a given context and justify the choice</li> </ul>                                                       | 2 hours |
| <b>3.2: Demand Forecasting Techniques</b> | <p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Differentiate between qualitative versus quantitative techniques</li> <li>• Discuss the several types of times series methods</li> <li>• Distinguish between and discuss the types of forecast error</li> <li>• Calculate short-term forecasts using time series methods</li> <li>• Distinguish between demand forecasting, demand planning, and demand management</li> </ul>                                                                                                                                                                                                                                                                   | 2 hours |
| <b>4.0: Procurement and Sourcing</b>      | <p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> <li>• Describe the six stages of the procurement lifecycle</li> <li>• Explain the difference between strategic procurement and tactical procurement</li> <li>• Distinguish between procurement, sourcing, and purchasing</li> <li>• Contrast between direct and indirect purchasing</li> <li>• Discuss the concepts of total landed cost (TLC) and total cost of ownership (TCO)</li> <li>• Apply the concepts associated with contract negotiation</li> <li>• Classify items and suppliers into the quadrants that facilitate portfolio analysis</li> <li>• Compare and contrast the various approaches to supplier relationship strategy</li> </ul> | 2 hours |
| <b>5.0: Production Operations</b>         | <p>After completing this lesson, you will be able to:</p> <ul style="list-style-type: none"> <li>• Define and recall foundational concepts of operations management, and the transformation process</li> <li>• Identify and categorize the Four Pillars of Process Design and the seven types of waste in Lean Production</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                    | 2 hours |

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|                                                        | <ul style="list-style-type: none"> <li>• Explain how the Product-Process Matrix can be used to align manufacturing methods with product volume and customization requirements</li> <li>• Explain and summarize the strategic differences between Make-to-Stock (MTS), Assemble-to-Order (ATO), and Make-to-Order (MTO) fulfillment models</li> <li>• Differentiate and describe the four categories of quality costs and the principles in the Theory of Constraints (TOC)</li> <li>• Categorize and prioritize defect classifications (Minor, Major, Critical) to drive Kaizen-based continuous improvement</li> <li>• Calculate and evaluate core production and process performance metrics</li> </ul>                                                                                                                                                        |         |
| <b>6.0: Inventory Management</b>                       | <p>After completing this lesson, you will be able to:</p> <ul style="list-style-type: none"> <li>• Identify the primary types of inventory</li> <li>• Contrast Continuous Review Systems and Periodic Review Systems</li> <li>• State the variables in the Economic Order Quantity (EOQ) formula</li> <li>• Describe the role of safety stock</li> <li>• Recall key inventory performance metrics</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 hours |
| <b>7.0: Logistics, Warehousing, and Transportation</b> | <p>After completing this lesson, you will be able to:</p> <ul style="list-style-type: none"> <li>• Distinguish between the different channels of logistics activities</li> <li>• Describe the three logistics-driven utilities</li> <li>• Contrast between types of logistics strategies</li> <li>• Differentiate between the primary goal of warehouses and distribution centers</li> <li>• Recall key logistics performance metrics</li> <li>• Recall facility functional activities</li> <li>• Compare the financial and operational trade-offs of owning a facility versus outsourcing one</li> <li>• Identify the five primary modes of transportation</li> <li>• Summarize the tradeoffs of different transportation modes</li> <li>• List the four economic drivers of transportation</li> <li>• Recall key transportation performance metrics</li> </ul> | 2 hours |

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| <b>8.0: Supply Chain Performance</b> | <p>After completing this lesson, you will be able to:</p> <ul style="list-style-type: none"> <li>• Define supply chain performance management</li> <li>• Discuss how supply chain performance matters to organizations</li> <li>• Contrast approaches to supply chain performance management</li> <li>• Discuss performance factors in supply chain functional areas</li> <li>• Identify key performance metrics in supply chain functional areas</li> <li>• Describe the factors and metrics associated with total supply chain performance</li> <li>• Identify and discuss the pillars of contemporary supply chain performance management</li> </ul> | <p>3 hours</p> |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|

**Hands-on Exercises:** This course contains hands-on exercises for practicing the tasks covered in the lessons.

**Note:** The hands-on exercises will be practiced during the training sessions with the help of the instructor.



