

One-Day Training Agenda: Logistics and Supply Chain Management

Duration: 8 hours

Module 1: Logistics and Supply Chain Overview (2 hours)

Session 1: Introduction to Logistics and Supply Chain Management (30 minutes)

- Definition and Importance of Logistics and Supply Chain Management
- Key Components and Functions of Supply Chains

Session 2: Case Study: Optimizing Supply Chain Efficiency (1 hour)

- Presentation of a case study on a real-life supply chain optimization scenario
- Group discussion and analysis of challenges faced and potential solutions

Session 3: Interactive Activity: Capacity Planning and Demand Management Simulation (30 minutes)

- Participants engage in a simulation exercise to understand the principles of capacity planning and demand management
- Teams collaborate to make decisions related to capacity planning and managing demand fluctuations

Module 2: Capacity Planning and Demand Management (2 hours)

Session 1: Understanding Capacity Planning (1 hour)

- Definition and Objectives of Capacity Planning
- Methods for Capacity Planning: Resource-Based and Demand-Based Approaches

Session 2: Case Study: Optimizing Production Capacity (1 hour)

- Presentation of a case study on capacity planning and management in manufacturing
- Group discussion on strategies for optimizing production capacity to meet demand fluctuations

Module 3: Inventory Management and Deployment (1 hour)

Session 1: Deployed Management Strategies (1 hour)

- Overview of Deployed Management in Supply Chain Operations
- Techniques for Optimizing Inventory Deployment and Distribution

Module 4: Logistic Network Design (1 hour, 30 minutes)

Session 1: Principles of Logistic Network Design (1 hour)

- Key Considerations in Logistic Network Design: Cost, Service, and Flexibility
- Strategies for Designing an Efficient and Responsive Logistic Network

Session 2: Case Study: Redesigning Logistic Network (30 minutes)

- Presentation of a case study on redesigning a logistic network for improved efficiency
- Group discussion on challenges and solutions for optimizing logistic network design

Module 5: Reverse Logistics and Sustainability (30 minutes)

Session 1: Introduction to Reverse Logistics and Sustainability (15 minutes)

- Definition and Importance of Reverse Logistics
- Role of Sustainability in Supply Chain Operations

Session 2: Case Study: Implementing Sustainable Reverse Logistics Practices (15 minutes)

- Presentation of a case study on implementing sustainable reverse logistics practices
- Group discussion on the environmental and economic benefits of sustainable reverse logistics initiatives

Throughout the training, interactive discussions, case studies, and hands-on activities will be used to engage participants and reinforce key concepts in logistics and supply chain management. Participants will leave with a comprehensive understanding of supply chain fundamentals and practical strategies for optimizing supply chain operations.