

AVAILABLE COURSE OVERVIEW

PARTICIPANTS WILL HAVE FULL ACCESS TO OUR RESOURCE CENTER WITH DOWNLOADABLE LEAN TEMPLATES.

LEAN SIX SIGMA YELLOW BELT WITH INTRO TO SUPPLY CHAIN

This course provides a broad overview of the global supply chain and an understanding of the Lean Quality methodology. The course is intended to prepare students for entry level opportunities in the growing supply chain field.



LEARNING OBJECTIVES

- A foundational understanding of basic supply chain terms, equipment, and work process flow
- Introduction to the concepts of Lean management
- Be able to identify and quantify supply chain wastes

TOPICS COVERED

- Global Supply Chain
- Distribution Center and Warehouse processes
- Material Handling equipment types
- Modes of Transportation
- Communication and Decision making
- Just in Time
- Information and product flow
- Supply Chain Quality
- Lean Problem Solving Tools

LEAN SIX SIGMA WITH INTRO TO SUPPLY CHAIN COURSE

MODULE TIMELINE AND TOPICS COVERED

SESSION	TOPIC	TIME
1	Global Supply Chain Overview and Distribution Centers	90 min
2	Material handling equipment types and transportation processes	90 min
3	Workplace structures, decision making, Supply Chain systems, Supply Chain quality	90 min
4	30 Min online – self paced Lean Yellow Belt Training + One-hour discussion	90 min
5	30 Min online – self paced Lean Yellow Belt Training + One-hour discussion	90 min
6	30 min online – self paced Yellow Belt Training Completion and Knowledge Check	90 min

Global Supply Chain

- Consumer Demand
- Logistics Nodes
- Modes of Transportation
- Types of Inventory
- Emerging Market Trends (customer/consumer)

Distribution Center/Warehouse Functions

- Receiving
- Storage
- Picking/Assembly
- Shipping

Material Handling Machines/Equipment

- Manual
- Powered
- Product Movement

Transportation Processes

- Planning Order thru Delivery
- Types of Freight (For Hire/ Less Than Truck Load)
- Types of Carriers
- International Shipments
- Customs issues
- Freight Modes

Workplace Structure

- Types of Teams
- Communication Processes
- Decision Making

Supply Chain Systems

- Information/product flow (includes Just in Time Principles)

Supply Chain Quality

- Total Quality Management/Lean
- Problem Solving Tools/Smart Goals

TRANSPLACE