

Principles & Practices of Supply Chain Management

The objective of this course is to give a broad cross section of an organization - a clear understanding of how the overall supply chain should work.

Equally important, the objective is also to show the role that individuals from different functional disciplines play in maximizing the value from the supply chain.

This is a two-day, highly interactive course. The target class size is limited to 15-20 participants in order to maximize participant interaction. The course will combine lecture with various participant exercises including both individual and team activities. An online simulation on Supply Chain

Management will also be used to reinforce what participants have learned in class.

Target Audience:

- 1. Managers or supervisors in key supply-chain related roles (purchasing, planning & scheduling, order management, manufacturing operations, logistics, warehousing, etc.)
- 2. Key managers or employees who interact regularly with various supply chain personnel (marketing & sales, customer engineers, IT) who need to understand key supply chain concepts in more depth

Participant Learning Objectives:

Understand key supply chain processes: activities, outcomes, roles and interactions:

- Planning (Supply/Demand)
- Order Management
- Procurement
- Manufacturing
- Logistics

Identify what drives value across the supply chain

- Supply chain performance metrics and KPIs
- Typical decisions and tradeoffs that must be made
- Making the supply chain customer focused

Identify areas of opportunity for continuous improvement

- General and industry-specific best practices that may apply to the organization
- Information technologies that help accelerate supply chain performance



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Course Agenda:

Duration	Topic	Objectives
Day 1 -	The Supply Chain	Core
0:30	Introduction	Cover course objectives, agenda
		Align expectations
1:00	The Supply Chain	 Describe the scope of supply chain operations
	- What is it?	Define the importance of the supply chain to competitiveness in the
		global economy
		Highlight some of the major variations within the supply chain
		(industry differences; MTS v. ATO v. MTO); job shop v. line v.
1.20	Cumply Chain	continuous flow; etc.
1:30	Supply Chain Planning	Define the different types of planning that occur across the SC Pieure have different functional groups must calleborate to
	Fianning	 Discuss how different functional groups must collaborate to optimize SC plans
		 Describe best practices and tools available for SCP
1:00	Sourcing	 Provide an overview of the Procurement process and key outcomes
1.00	Sourcing	and decision factors
		Supplier relationship management
		Describe best practices and tools
1:00	Production	Provide an overview of the Production process and key outcomes
		and decision factors
		 Describe best practices and tools
1:00	Order	 Provide an overview of the OM process and key outcomes and
	Management	decision factors
		Describe best practices and tools
1:00	Order Fulfillment /	Provide an overview of the Delivery process and key outcomes and
	Delivery	decision factors
0.20	Doy 1 Debrief	Describe best practices and tools Pierwes have beginning a sixty.
0:30	Day 1 Debrief	Discuss key learning points Discuss issues of consern to the participants.
Day 2	Making the Cupply	Discuss issues of concern to the participants Chair Work
	Making the Supply	
1:30	Bullwhip Game	Go through a group exercise that highlights some of the difficulties in suggestful supply who in execution.
2:00	Planning v.	in successful supply chain executionDealing with Uncertainty
2.00	Execution	Dealing with UncertaintyCollaboration across the supply chain
	Exceditori	Supply Chain Event Management
1:30	Continuous	Customer Focused Supply Chains
	Improvement	 Lean Supply Chains
	1	Six Sigma in the Supply Chain
1:00	Baselining Your	Break up into teams to brainstorm implications of what you have
	SC	learned on how your company's supply chain can best serve
		customers and maximize profitability
0:15	Course	Summarize overall learnings
	Conclusion	Evaluate course effectiveness



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