**3-Day –**

# Supply Chain Process Improvement

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| **Description**The tools and knowledge needed to lead a variety of supply chain improvement projects. Based on the proven MAXiT approach, this course explains a step-by-step method for improving major supply chain processes such as Selling, Distributing, Producing, Sourcing and Planning. A carry-through case problem and teamwork assure your mastery of this powerful method. You will also learn how to sequence and coordinate multiple projects to accomplish large-scale improvements in speed, cost, quality, and service. Essential learning for those charged with re-thinking supply chain operations. Also an ideal “kick-off” and training event for newly formed supply chain improvement teams.Objectives* To improve cost, cycle time, and service with better supply chain processes.
* To strengthen customer and supplier relationships with integrated processes.
* To organize and manage a successful supply chain improvement program.

Who Will Benefit* Leaders of improvement projects in purchasing, production and logistics.
* Executives and managers of the supply chain.
* Sponsors, team members and managers of supply chain improvement projects.
* Directors of Quality, Lean and Operational Excellence programs.

TimingDuration: 3 days(1-day version also available)Start: 8:00AM Break: 10:30Lunch: 12:00 – 1:00PM Breaks: 2:15 & 3:45Adjourn Days 1 & 2: 5:00Adjourn Day 3: 4:00 | Course OutlineDay One – Supply Chain OpportunitiesA. WHAT IS SUPPLY CHAIN PROCESS IMPROVEMENT?* Definitions and terminology.
* Scope of projects and programs.
* Relationship to supply chain management, Six Sigma, Lean Manufacturing, etc.

B. BENEFITS, LEADING EXAMPLES & CASE EXERCISES* Breakthrough examples of benefits & results.
* Discussion Exercises: Scope, objectives, sponsorship.

C. SUPPLY CHAIN VISION, STRATEGY AND IMPROVEMENT PLANNING* Sponsorship, authority and team leadership.
* Level of effort and preparation.
* Ten “get rights” for your steering committee.
* Setting vision, strategy and improvement objectives.

D. THE MAXiT APPROACH TO SUPPLY CHAIN PROCESS IMPROVEMENT (SCPI)* Typical approaches to SCPI.
* A systematic approach.
* Four phases and five steps of improvement.
* Three Fundamentals and four dimensions.
* MAXiT procedures and planning conventions.
* Example of MAXiT in action.

E. TEAM EXERCISE IN OPPORTUNITY ASSESSMENT* Tackle a real business situation in need of major improvement.
* How to establish improvement scope and set/weight objectives.
* Link supply chain improvements to business strategy.
* How to assess opportunities and agree on improvement priorities.
* Defining the need for improvement.
* The importance of fast-track improvements.

F. TEAM EXERCISE: IDENTIFYING improvement PROJECTS & tactics* Identify potential projects and tactics.
* Checklist of tactics for improving distribution, production, sourcing, planning …
* Prepare recommendations
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| Course Outline continuedDay Two – How to Design Supply Chain Processes and Integrate ThemA. DEFINING PROCESS objectives and design requirements* Incremental vs. stretch objectives.
* Baselines, benchmarks & measures.
* Sponsors, owners, and accountability.
* Process requirements, rules & assumptions.
* Exercise: Process Design Requirements.

B. PRACTICAL SUPPLY CHAIN OPERATIONS ANALYSIS* Techniques for charting & diagramming processes, roles, and information.
* Quantifying supply chain cost, cycle time and quality.
* Identifying wasteful activities.
* Common analysis problems and what to do.

C. CASE EXERCISE: ESTABLISHING ESSENTIAL ACTIVITIES* Analyze a business process.
* Multi-function, functional decomposition and integrated flow diagramming.
* Identify specific changes and benefits.

D. EXERCISE IN RE-DESIGN: PEOPLE, INFORMATION & FACILITIES* Teams examine the options for change.
* Integrate considerations of people, information & facilities.
* Preliminary process designs.
* Radical vs. incremental change.

E. CASE EXERCISE: REFINING & EVALUATING VIABLE ALTERNATIVES* Validating and refining preliminary designs.
* Organizational, information system and facility limitations.
* Budgets/economic constraints.
* The weighted-factor method.

F. SUPPLY CHAIN IMPROVEMENT PLAN, JUSTIFICATION & APPROVAL* Costs & benefits for projects and plans.
* Costs: People, systems, and facilities.
* Benefits: Tangible and intangible.
* How to present the case to management.
* How to sequence projects and evaluate alternate plans.
* Case Exercise: Planning Supply Chain Process Improvements.
 | Day Three – How to Plan and Manage Supply Chain Improvement Projects and ProgramsA. detailed process design & implementation* Getting from concepts to detailed designs.
* The MAXiT procedures repeat.
* Case example of detailed design.
* Implementation planning.
* Case exercise in implementation planning.

B. case exercise: organizing a project* Work in teams to tackle a real supply chain in need of improvement.
* Apply what you have learned thus far to your project.
* Develop a work plan and choose your analytical techniques.
* Identify major decisions and choices to be made.

C. MANAGING Supply Chain Improvement PROJECTS & PROGRAMS* Organizational and cultural change.
* Project and program management.
* Critical success factors.
* Case exercise in change management.

D. THE ROLE OF INFORMATION SYSTEMS & FACILITIES* How systems integration and facilities planning enable SCPI.
* Locking SCPI together with systems and facilities development.
* Leading-edge examples.
* The need for standards and guidelines.

E. PLANNING FOR A SUCCESSFUL IMPLEMENTATION* How to create a sound implementation plan.
* Case Exercise: Implementation Planning.
* The MAXiT Approach – review of key results by phase.
* Complete set of Working Forms for use on your next project.
* Summary and closing remarks.
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