**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.   Timing  Duration: 3 days  (1-day version also available)  Start: 8:00  AM Break: 10:30  Lunch: 12:00 – 1:00  PM Breaks: 2:15 & 3:45  Adjourn Days 1 & 2: 5:00  Adjourn 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. |