



“Synchronizing Lean Six Sigma to Business”

This workshop is for those who seek to maximize their top and bottom-line growth and achieve superior value delivery to their customers. It represents a compilation of Lean Six Sigma best practices from business, government and academia.

WHO SHOULD ATTEND

Individuals having significant executive or managerial responsibilities in both managing and improving operations within an enterprise to include:

- Corporate and business unit deployment champions or sponsors having line-of-site authority to the president or CEO for implementing Lean Six Sigma.
- Senior managers on the corporate staff who report to the president or CEO (i.e. finance, human resources, communications, legal, quality, engineering, etc.) who will be setting Lean Six Sigma policy as well as supporting future project teams and x-belts.
- Senior line management, having decision-making authority and who need to have a better understanding of how to successfully integrate Lean Six Sigma into their respective business operations.
- Executives involved in capital investment, mergers and acquisitions and who wish to learn how Lean Six Sigma can identify and quantify areas of waste and variation as part of the due diligence process.

COURSE OBJECTIVES AND TAKEAWAYS

- Understand the eleven key elements of a fully integrated Lean Six Sigma, enterprise-wide business improvement effort thereby creating additional and verifiable revenue and profit and achieving improved value delivery for your customers.
- Learn how these elements are integrated within each of the three critical Lean Six Sigma deployment phases of **Initialization**, **Execution** and **Assessment**.
- Apply this knowledge to customize a deployment approach that best meets your requirements while capitalizing on the best practices of enterprises from around the world.

COURSE OUTLINE

Module One: Lean Six Sigma Primer

- ✓ Impetus for Investing in Lean Six Sigma (L6σ)
- ✓ Cost of Poor Quality and ROI
- ✓ Lean and Six Sigma Principles and Benefits
- ✓ Synergy of Lean and Six Sigma
- ✓ Introduction to L6σ as a Knowledge-Based Business Strategy
- ✓ Key Deployment Roles and Impact Zones
- ✓ The “DMAIC” and “IDOV” Project Roadmaps
- ✓ Summary of Basic, Intermediate and Advance Tools
- ✓ Key Deployment Considerations
- ✓ Lean Six Sigma: What the Future Holds

Module Two: Synchronizing Lean Six Sigma to Business – An Overview

- ✓ Deployment Trends and Key Attributes
- ✓ Key Phases for Attaining Accelerated Business Results Using L6σ
 - Initialization Phase and Summary of Key Tasks
 - Execution Phase and Summary of Key Tasks
 - Assessment Phase and Summary of Key Task

Module Three: Lean Six Sigma Initialization

- ✓ Business Integration Considerations
- ✓ L6σ Deployment Planning and Self-Sustainability Considerations
- ✓ L6σ Goal Identification, Apportionment and Integration with Existing Business Measures
- ✓ Executive Ownership and Leadership Alignment
- ✓ Alignment of Compensation
- ✓ Assignment of Corporate and Business Unit Champions and Steering Committees
- ✓ Integration With Existing Business Improvement Initiatives
- ✓ Establishing Financial Savings Rules (Hard and Soft) and Key L6σ Support Processes
- ✓ Developing Position Descriptions for X-Belts
- ✓ Communicating L6σ Rationale and Expectations to the Workforce
- ✓ Mobilizing Commitment
- ✓ Initiating Early Pre-Deployment Assessments, Pre-Acquisition Assessments, Value Stream Mapping and Kaizens
- ✓ Enterprise Tracking Software Considerations
- ✓ Initial People, Project and Training (In-Class, E-Learning, Blended) Considerations
- ✓ Reward, Recognition and Certification (Champions/Sponsors, X-Belts)
- ✓ Customer and Supplier Involvement
- ✓ CEO/EVP Strategic/Tactical Process Flow and Checklist
- ✓ Initialization Tollgate Checklist

Module Four: Lean Six Sigma Execution

- ✓ Detailed People Selection, Managing Expectations and Succession Planning
- ✓ Detailed Project Prioritization, Selection, Commissioning and Status Reporting
- ✓ DMAIC and IDOV-Based Project Roadmaps
- ✓ Benefit Delivery
- ✓ Training
 - Champion/Sponsor
 - X-Belt
 - Advocate
- ✓ Knowledge Sharing/Knowledge Notebooks
- ✓ Final Project Report-Outs
- ✓ Champion/Sponsor/X-Belt Checklists
- ✓ Execution Tollgate Checklist

Module Five: Lean Six Sigma Assessment

- ✓ Rationale for Conducting L6σ Assessments
- ✓ Categories of Assessment
 - Enterprise
 - X-Belts/Knowledge Assessment
- ✓ Process and Reporting Recommendations

Module Five: Lean Six Sigma Assessment (Continued)

- ✓ Assessment Areas
 - Project Selection
 - Project Execution
 - Benefit Capture
 - X-Belt Performance and Certification
 - Deployment Planning
 - Overall Performance (Benefits Versus Goals)
- ✓ Assessment Tollgate Checklist

Module Six: Putting It All Together - Developing and Integrating Lean Six Sigma Within Your Enterprise

- ✓ In-Class Case Studies and Analysis
- ✓ Assessment of Your Enterprise
- ✓ Your Context and Next Steps

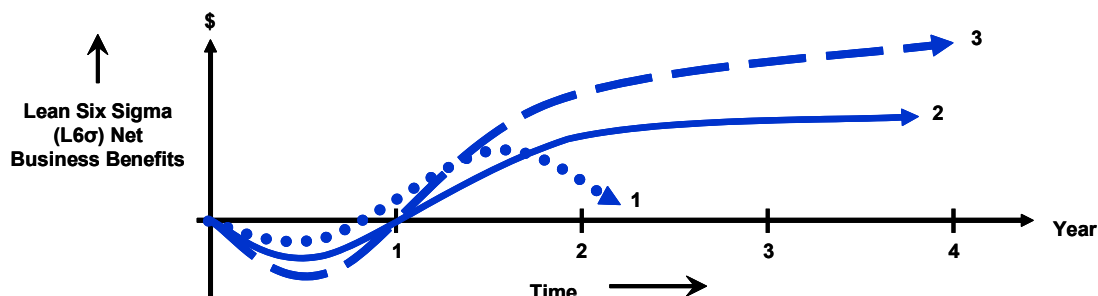
Course Details

Each participant will receive a comprehensive participant guide, a text entitled "Knowledge Based Management" by Berdine, Kiemele and Schmidt, a guide entitled "Lean Six Sigma: A Tools Guide," by Adams, Kiemele, Pollock and Quan and a trial CD-ROM containing very powerful, yet easy-to-use Excel-Based software for Lean Six Sigma project teams that is valid for thirty days.

BACKGROUND

Six Sigma originated in the mid-eighties to address key business problems using a disciplined approach to reducing defects and improving yields through variance reduction. In the nineties, Six Sigma evolved into an enterprise improvement strategy for reducing cost. Lean and Six Sigma have since been combined to "simplify and perfect knowledge acquisition." This has resulted in enterprise transformation through improved value delivery coupled with verifiable top and bottom-line growth.

Tremendous variation exists in the manner in which Lean Six Sigma is deployed within government, business and academia. The following illustration and table summarizes this variation.



Attribute	Curve One	Curve Two	Curve Three
Implementation Level	Localized	At least one major business unit	Enterprise-wide
Executive Ownership	L6σ led by a single visionary member of management.	L6σ led by a committed, involved and accountable	Involved and accountable executives with fully

and Management Alignment		set of executives and managers.	aligned and committed management at all levels.
Projects	Limited numbers of projects focusing on manufacturing and related functions to establish proof-of-concept.	Numerous cross-functional projects focusing on cost reduction, reduced cycle time, improved quality and major operational problems.	Extensive projects to improve entire value streams using advanced tools including DFLSS involving R&D, sales, service, marketing, legal, mergers and acquisitions, etc.
People	Part-time only resources for selecting and leading projects.	A mixture of full-time and part-time resources approaching 1% of the workforce.	A plan for selecting, certifying and rotating full-time professionals representing 1-3% of the workforce and a growing cadre of part-time resources approaching 10% of the workforce.
Transformational Impetus	Limited to proof-of-concept. L6σ fails to gain broader acceptance because it is not aligned with mainstream business objectives and related measures.	Implemented with other business improvement initiatives to address a "burning platform." Competing priorities limit the involvement and resulting benefits. However, the level of benefits justifies its continuance.	Viewed as "the way of doing business." Is both tactical and strategic in nature, culture-based, involving the owners, customers, suppliers and the entire workforce for growth, technological leadership, value creation and delivery.

The intent of this cost-effective workshop is to provide organizations, whether in business, government or academia, with key lessons-learned in order to attain verifiable, accelerated and significant benefits visa-vi the complete integration of Lean Six Sigma throughout all of its key value streams. This characterizes a "Curve Three" type enterprise.