

LEAN Six Sigma

If you've realized quality is not optional:
Good enough is no longer good enough.

Getting it right the first time—every time—is a huge money-saver.

Six Sigma is a way of life—one that can put up to 25% more of your revenues on the bottom line. The Six Sigma process encompasses all aspects of business, including management, service delivery, design, production and customer satisfaction. Fully implemented, it becomes a driver of business culture that can reward you with improved morale, reputation and a near-perfect level of quality—as well as drastically reduced costs compared to addressing quality problems after the fact.

Who Should Attend

Anyone wanting to learn the fundamental skills necessary to contribute to a Six Sigma team as a Yellow, Green or Black Belt.

What You Will Learn

- Recognize key attributes of a successful Six Sigma program.
- Appreciate project selection criteria.
- The role of a Yellow, Green or Black Belt in the organization.
- Understand fundamentals of the DMAIC problem solving
- Use basic Six Sigma tools for Six Sigma project definition and process baseline.
- Understand the need for advanced problem solving and improvement methodologies used by Project Teams.
- Actively participate in a Six Sigma team.

Seminar Content

- Module 1: Why Six Sigma?
- Module 2: How Six Sigma is Deployed
- Module 3: DEFINE: Project Definition
- Module 4: DEFINE: Project Scheduling
- Module 5: DEFINE: Change Management / Teams
- Module 6: MEASURE: Tools and Objectives
- Module 7: MEASURE: Establishing Process Baseline
- Module 8: MEASURE: X-Bar Charts
- Module 9: MEASURE: Individuals Data
- Module 10: MEASURE: Process Capability
- Module 11: MEASURE: Attribute Charts
- Module 12: ANALYZE: Introduction to Regression Analysis
- Module 13: ANALYZE: Lean Thinking
- Module 14: IMPROVE: Tools and Objectives
- Module 15: CONTROL: Tools and Objectives

Prerequisite

A general understanding of basic math functions, reading comprehension level of a high school graduate, and proficiency in using statistical software program such as Minitab.

Duration

From 3 to 15 days (depending on course depth).

Your Facilitator

Sal Polletta is a bilingual graduate of McGill University with a B. Com. in Finance and Organizational Behaviour and a post-graduate degree (D.M. McGill, 1986) in Management and Organizational Behaviour.

He has over thirteen years of experience in management (1979-1991) and eleven years consulting, facilitating and teaching of adults. He is also a qualified lead auditor for ISO 900, QS-9000 and ISO 14000 International Standards and is trained as a Six Sigma Black Belt. He has completed the Canadian Securities Course and CFP Requirements.

Sal has worked with several educational institutions, training partners, multi-national organizations and gov't departments in North America, Europe and the Middle East, with such clients as: General Electric, Invar Manufacturing, Crane Canada, Goodyear, Black & Decker, Heinz Foods, Canadian Forces Base Trenton (8 Wing), NORTEL, HRDC, CCRA, CCMD, RCMP and many others.



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