Six Sigma Yellow Belt Training

The training presents an overview and introduction of the major Six Sigma topics below.

Objective: To present an overview of the philosophy and methodology of Six Sigma

- Six Sigma Fundamentals
- Six Sigma Methodologies
- Benefits and Implications of Six Sigma Program
- Relationship of Six Sigma Concepts to Overall Business Objectives
- Business Success of Six Sigma
- Sigma Level and Defects per Million Opportunity (DPMO)
- Cost of Poor Quality: Detection vs. Prevention System
- Sigma Level and Process Capability
- DMAIIC (Define-Measure-Analyze-Improve-Implement-Control) Process
- How the DMAIIC Model is used for Process Improvement
- Organizational Factors that are necessary groundwork for a successful Six Sigma Program
- Define a Plan for Implementing Six Sigma in Your Organization
- Statistics Overview for a Six Sigma Program
- Data Collection
- Basic Measurement System Analysis
- Basic Capability Analysis
- Graphical Techniques using Computer
- Quality Tools
- Introduction to Hypothesis Testing
- Introduction to DOE (Design of Experiment)
- Introduction to SPC (Statistical Process Control)
- Case studies from manufacturing, service, and business processes to present Six Sigma overview and benefits
- Six Sigma and Lean Six Sigma
- Lean Six Sigma and Design for Six Sigma (DFSS)
- Computer Applications and Implementation
- Software for Six Sigma
- Wrap up: What Six Sigma can do for your company?
- Six Sigma teams and certification

At the end of the training you will be required to submit a brief report. The guidelines for preparing the report will be provided. You will be awarded a Six Sigma Yellow Belt certification after successful completion of the training. The training can be completed on-line, at your company site, or at our training facility.