

Six Sigma Yellow Belt Course



2 Days

Introduction

Six Sigma is a powerful management strategy that aims to identify and eliminate defects or mistakes in all business processes and thereby focus on those product or service performance characteristics which are critical to customers. Any organization implementing Six Sigma practices must introduce the majority of their individual contributors to the fundamentals of Quality and Six Sigma. These specially trained employees are referred to as “Yellow Belts”, and create the foundation for sweeping cultural change throughout the business. The Yellow Belt gathers data, participates in problem-process. This course teaches any employee the Six Sigma philosophy and how to apply it in his or her role on a day-to-day basis. The participant will learn about the Six Sigma philosophy, including an in depth understanding of each phase of the DMAIC methodology and the Plan-Do-Check-Act cycle. Acquiring the knowledge of it, participants will be able to identify process improvement opportunities for escalation to Green or Black Belts, as well as work on the Green or Black Belt’s team when improving that process, if needed.

Target Audience

Service/ Quality Improvement personnel, including Process Owners, Section Heads & Operators

Objectives

- To understand what Six Sigma is, the meaning and uses of the Six Sigma philosophy
- To understand the importance of Six Sigma DMAIC Methodology for problem solving
- To apply the Tools and Techniques of Six Sigma within each phase of the DMAIC methodology
- To understand the Roles and Responsibilities of Yellow Belts and other team members
- To understand the Critical Success Factors for implementing Six Sigma
- How to apply the Six Sigma mindset in his or her workplace on a daily basis.

Details

All topics covered class are taught in a way that anyone, no matter what their skills or experience level, can understand. Our instructors simplify complex topics and present them clearly and concisely. Case studies allow the participant to combine and utilize concepts learned during the course:

Six Sigma Overview

What is Six Sigma ?

Key Concepts of Six Sigma, Introduction to DMAIC methodology

Why do Six Sigma ?

Results based on facts and figures, Myths and realities of Six Sigma

Six Sigma Implementation Strategy

Six Sigma Readiness (Data collection strategy and tools), Six Sigma Roles and Responsibilities, Critical Success Factors and Barriers to Six Sigma Deployment, Six Sigma Project Selection

Performance Measurement metrics

Cost of Poor Quality, Yield (First Pass and Throughput Yield), Process Capability, Defect per million opportunities (DPMO) & Sigma Quality Level (SQL)

Six Sigma Roadmap-DMAIC Methodology

Defining the Customer's Problem, Measuring Current Performance (Process Capability-Capability Analysis, Cost of Poor Quality), Analyzing the data Six Sigma Process Improvement , Sustain the Six Sigma Gains

Application of Tools & Techniques within

Define Phase, Measure Phase, Analyze Phase, Improve Phase, Control Phase

Methodology

Presentation, workshop and case studies

Certificate

Certificate stating that he/she is Six Sigma Yellow Belt will be awarded to delegates who have attended full course.

Venue

ACI training centre