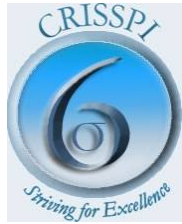


Six Sigma Yellow Belt Training



Topic for Two Days Yellow Belt Training

Training Delivered by



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Process Improvement
(CRISSPI), Caledonian
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Caledonian University

Event Date
22nd -23rd March, 2007

Event Venue
Partick Burgh Hall
Glasgow

Six Sigma Overview

- What is Six Sigma?
- Key Concepts of Six Sigma
- Why Six Sigma and not TQM?
- Six Sigma Infrastructure
- Introduction to DMAIC methodology

Why do Six Sigma?

- Results based on facts and figures
- Six Sigma applied to manufacturing, services and transactional processes
- Myths and realities of Six Sigma

Six Sigma Implementation Strategy

- Six Sigma Readiness
- 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 (Measurement system analysis, Process Capability Analysis, Cost of Poor Quality)
- Analyzing the data
- Six Sigma Process Improvement
- Sustain the Six Sigma Gains

Application of Tools and Techniques within

- Define Phase
- Measure Phase
- Analyze Phase
- Improve Phase
- Control Phase

Real Life Case study- Newspaper Accuracy Problem

* The two Days training program will be full of syndicate exercises. The application of DMAIC methodology is demonstrated through catapult experiment by involving all delegates participating in the program.