

SIX SIGMA - YELLOW BELT

2 DAYS CERTIFIED TRAINING WORKSHOP

"If we only we could design a system that was error free".



Overview

What are some of the issues facing organisations in the public sector and private sectors in a modern economy? Issues such as developing a robust process capable of delivering goods and services in the most efficient and cost effective way or being innovative in the way processes are designed. It may be that the process requires better project management skills to improve performance.

This is where the Six Sigma methodology can be of significant benefit to individuals involved in improvement towards Zero defects in the delivery of products and services. The Six Sigma Yellow Belt certification workshop for the Public & Private Sectors is an entry level workshop providing an overall insight to the techniques of Six Sigma, its metrics, and basic improvement methodologies.

On completion of the two-day workshop the Yellow Belt will have learned the basics of the six sigma methodology, how to integrate Six Sigma methodologies into improvement of their systems and how to better meet customer expectations and the top-line objectives of their organization.

A Yellow Belt will have the skills to participate as a core improvement team member or subject matter expert (SME) on a project or projects. In addition,

Yellow Belts will be responsible for running smaller process improvement projects using the PDCA (Plan, Do, Check, Act) methodology. PDCA, often referred to as the Deming Wheel, enables Yellow Belts to identify processes that could benefit from improvement. These smaller Yellow Belt projects often get

escalated to the Green Belt or Black Belt level where a DMAIC methodology is used to address process capability, design and maximize cost savings.

Six Sigma Yellow Belt training provides an introduction to process & project management and the basic tools of Six Sigma, giving employees a stronger understanding of the power of the methodology, enabling each individual to provide meaningful assistance in achieving the organization's overall objectives. The Centre's Six Sigma Yellow Belt certification also improves:

The effectiveness of employees in their support role in continuous Improvement Day-to-day workplace activities

An individual who participates in Six Sigma Yellow Belt certified training will have received introductory training in the fundamentals of Six Sigma. The Yellow Belt gathers data, participates in problem-solving exercises and adds their personal experiences to the exploration process. Not only do Yellow Belts gain the skills necessary to identify, monitor and control poor practices in their own processes, but they are also prepared to provide information to support improvement work on larger system design projects and performance management.

Note: There are no prerequisites to engaging in the Yellow and Green Belt Programs. Any participant wishing to move on to enroll directly into the Green or Black Belt Program are encouraged to do so. Our on-line Six Sigma tool kit support system provided to the Centre by Hewlett Packard rivals any on-line support system anywhere. As a certified Six Sigma yellow belt, you will not only make a positive impact upon your career, but upon your life.

Six Sigma was originally developed by the late Bill Smith at Motorola in 1986; the Six Sigma Training program was created using some of the most innovative quality improvement methods from the preceding six decades. The term "Six Sigma" is derived from a field of statistics known as process capability. The term 6 Sigma refers to the ability of processes to produce a very high proportion of output within specification. Processes that operate with "six sigma quality" over the short term are assumed to produce long-term defect levels below 3.4 defects per million opportunities. Six Sigma's goal is to improve overall processes to that level of quality or better.