

# Online Six Sigma Overview

## Course Objectives

By completing this course, students will be able to:

- Recognize the Six Sigma deployment strategy.
- Participate in a successful Six Sigma program.
- Understand the role of Six Sigma Champions, Project Sponsors, Green Belts and Black Belts in the Six Sigma organization.

## Prerequisites

Students should have a general understanding of business functions, the reading comprehension level of a high school graduate, and general proficiency using internet browsers.

## Intended Audience

This training is suitable for anyone interested in exposure to the general Six Sigma deployment methodology and its DMAIC problem solving approach.

## PC Requirements

To access this course and Study Guide, users need:

- An Internet connection
- A suitable browser, such as Internet Explorer 5.0 or higher, with cookies enabled.

## Materials Provided

In addition to the online access, each course includes the following materials for a complete learning experience (a \$50 value):

- [\*Six Sigma Demystified\*](#) by Paul Keller
- *Six Sigma Overview* Notebook

# *Online Six Sigma Overview*

## **Topic Overview**

1. Why Do Six Sigma
  - a) Definition and graphical view of Six Sigma
    - (i) Overview of business applications
    - (ii) Example Sigma Levels
    - (iii) Introduction to DPMO and cost as metrics.
  - b) Comparisons between typical TQM and Six Sigma Programs.
  - c) Origins and Success Stories.
2. How to Deploy Six Sigma
  - a) Leadership responsibilities.
  - b) Description of the roles and responsibilities.
  - c) Resource allocation.
  - d) Data driven decision making.
  - e) Organizational metrics and dashboards.
3. Six Sigma Projects
  - a) Project Focus.
  - b) Selecting Projects.
  - c) Overview of DMAIC methodology.
  - d) Project Reporting.