

# Course Description

## Six Sigma Administrative Green belt AMS312



### Overview

This course is designed for those individuals who are working directly as a green belt on Six Sigma projects, who will be administering or managing Six Sigma projects or who are managers of areas where a Six Sigma process is being implemented. It is assumed they will come from diverse background and disciplines but will be capable of managing or working on a variety of projects. There is an inherent requirement for the understanding of mathematic basics through algebra.

The Administrative Green Belt course contains a less mathematical focus with an abbreviated Statistical, Analysis of Variance and Probability section. There is an emphasis on the Team Dynamics, Project and Change Management and the non-technical tools of Six Sigma such as Lean, Enterprise Wide Planning, Business Process Management and more in depth Project Management in a Six Sigma process.

### Learning Objectives

- Understand the concepts of Six Sigma and metrics
- Planning and implementing for a Six Sigma process
- Understand and apply Project Management
- Understand and apply the DMAIC process
- Understand and apply process flows, develop process plan and controls
- Understand and apply Data Gathering, rudimentary Statistics, Design of Experiments
- Implementing a revised process, metrics and controls

### Format

This course is highly interactive and adaptive. Although there are tutorials and training materials the emphasis is on discussion of the concepts and methodology followed by individual and team exercises.

### Duration

9-10 days

### Who Should Attend

Individuals administering, managing or working directly on a Six Sigma project and those responsible for their area implementing a Six Sigma process would benefit by taking this course. This is an excellent foundation course for Black Belt candidates who have a statistical or engineering background and need to broaden their knowledge base.