

Course Description

Six Sigma IT Green belt AMS314



Overview

This course is designed for those IT individuals who are working directly as a green belt on Six Sigma IT projects, who will be managing Six Sigma IT projects or who are managers of areas where a Six Sigma IT 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.

There is an emphasis on the mathematics of the Measure and Analysis phases especially in the Statistics and Analysis of Variance and the Use of Minitab software. There is certification option based on an exam.

Learning Objectives

- Understand the concepts of Six Sigma and metrics
- Understand and apply the DMAIC process
- Understand and apply process flows, develop process plan and controls
- Understand and apply Data Gathering, Statistics, Design of Experiments
- Implementing a revised process, metrics and a control

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

IT professionals managing or working directly on a Six Sigma IT project and those responsible for their area implementing a Six Sigma IT process would benefit by taking this course.