

Six Sigma

Statistical Thinking for Managers - 1 Day

Course Code: SIG302

The primary responsibilities of management are to plan the work to be done and to track how well that work is going. Failure to realize that most forecasts for planning and most work results are statistical leads to too many opposing decisions and incorrect decisions. This course teaches managers to view their jobs through the lens of statistics, focusing on variation and how that variation can be managed.

Learning Objectives

- Explain the benefits of statistical thinking
- Develop a continuous improvement philosophy
- Understand process variation
- Measuring goals and deliverables
- Organize the application of problem solving tools
- Assess data collection methods
- Select metrics
- Select a system to implement
- Judge process capability analysis

Topics & Content

- Forecasts and measurements
- Every measure shows variation
- Patterns of variation
- Sources of variation
- Measuring variation
- Data distributions
- Management categories of variation
- Variation and management action
- Deciding what action to take

Course Information

Duration

1 day

Audience

Those responsible for managing Six Sigma improvement projects.

Accreditations

PMI: 7 PDUs

SHRM 7 PDCs

OPM: 7 CLPs

OPM Competency: Problem Solving



“I thought the workshop was very relevant and instructive.”