

## Managing Process Data for Continual Improvement Agenda

### Day 1

8:00 - 8:30 a.m.	Registration/Introduction/Course objectives
8:30 - 10:00	Understanding processes Inputs and outputs Process variables Measuring processes
10:00 - 12:00	Basic statistical concepts Introduction to the Normal theory Measuring central tendency Measuring variation
12:00 - 1:00	LUNCH
1:00 - 2:00	Basic statistical concepts (cont.) Introduction to Minitab
2:00 - 3:30	Data collection The data collection process Operational definitions
3:30 - 5:00	Data collection (cont.) Sampling approaches

# AGENDA



One Quality Place  
Edison, NJ 08820

www.statamatrix.com  
Tel (800) 472-6477  
Fax (732) 548-2413

## Day 2

8:00 - 9:00 a.m.	Recap of Day 1
9:00 - 10:00	Data analysis I – patterns over time Time plots and run charts
10:00 - 12:00	Data analysis I – patterns over time (cont.) Time plots and run charts (cont.)
12:00 - 1:00	LUNCH
1:00 - 3:00	Data analysis I (cont.) Individuals control charts
3:00 - 5:00	Data analysis II (patterns not related to time) Frequency plots Stratified frequency plots Time plots and frequency plots Pareto analysis

## Day 3

8:00 - 9:00 a.m.	Recap of Day 2
9:00 - 11:00	Process capability
11:00 - 12:00	Regression analysis
12:00 - 1:00	LUNCH
1:00 - 3:00	Regression analysis (cont.) Multiple regression
3:00 - 5:00	Key financial indicators Balance sheet Profit and loss Cash flow