

Custom Workshop for Process Improvement: Session Agenda

Week 1:

Day 1:

- Common and Special Cause Model
- Introduction to Variables Data
- The Process Map

Day 2:

- Histograms and Normal Distributions
- Normal Distribution and Process Capability
- Subgrouping Case Study
- Project Discussions

Day 3:

- Control Charts for Individual Readings
- Introduction to Measurement Studies
- Sampling Trees for Measurement Study

Day 4:

- Introduction to Components of Variance
- Components of Variance
- Case Study

Day 5:

- Measurement Studies
- Go Forward Plans

Week 2:

Day 1:

Case Study

Analytic vs. Enumerative Studies

Batch Process Case Study

Day 2:

Components of Variance

More on Measurement Process

c and u Charts

Day 3:

3-Level Components of Variance

Introduction to Lean via simulation

Lean Principles

Day 4:

Statistical Tolerancing

Correlation

Introduction to Regression

Historical Regression

Day 5:

Summary

Go Forward Plans