

Overview: Six Sigma and the Organization

- Six sigma and organizational goals
- Lean principles in the organization
- Design for six sigma (DFSS) methodologies

Define Phase

- Project identification
- Voice of the customer (VOC)
- Project management basics
- Management and planning tools
- Business results for projects

Measure Phase

- Process analysis
- Statistical distributions
- Collecting and summarizing data
- Measurement system analysis (MSA)
- Process and performance capability

Analyze Phase

- Exploratory data analysis
- Hypothesis testing

Improve Phase

- Design of experiments (DOE)
- Root cause analysis
- Lean Tools

Control Phase

- Statistical process control (SPC)
- Control plan