



## Lean-Sigma Green Belt

### Duration:

- 2 x 5 day sessions spread over 2 months

### Who Should Attend:

- Any resources that run projects on a part-time basis
- Resources that will be team members on Black Belt projects
- Key change agents

### Key Topics:

- Define:** Identifying Needs, Project Chartering, Team Formation, Leading a Project
- Measure:** Mapping Tools, Understanding Current State, Risk Assessment, Metrics & Measures, Basic Statistics, Minitab & Data, Measurement Systems Validation, Passive Data Study Preparation
- Analyze:** Statistical Hypothesis, Making Comparisons (to a standard, one-one, multiple), Testing Relationships
- Improve & Control:** 5S, Setup Reduction, Visual management, Control Methods, SPC, Validating Results

### Benefits:

- Understanding of the process and Green Belt tools
- Ability to deliver project results within a process
- Scoped and defined project
- WebEx/ Telephone consulting (on-site mentoring available separately at additional cost)
- 6 month Minitab license

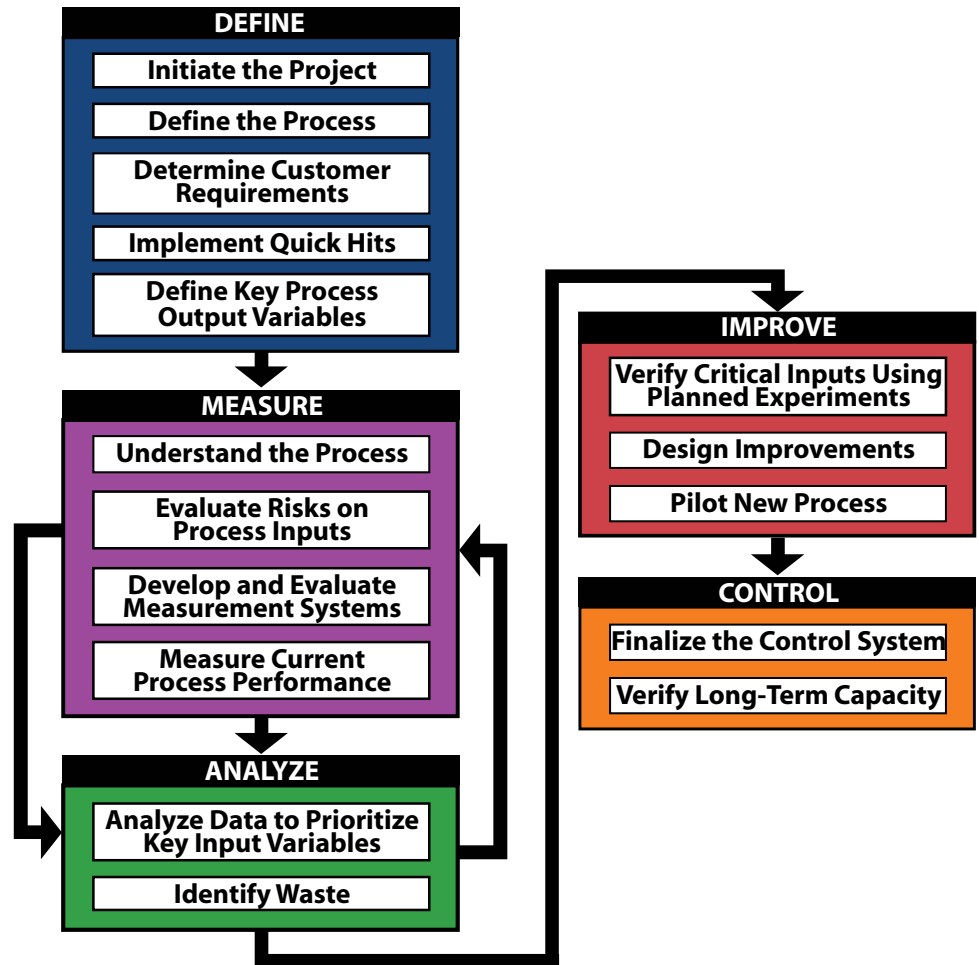
## How Six Sigma & Lean Apply

Lean Sigma is an initiative to improve patient care, safety and satisfaction while simultaneously reducing costs. It is an approach to sustainable continuous improvement moving us toward the goal of being a world-class healthcare facility.

Lean-Sigma is the ground up integration of Lean and Six Sigma process improvement methodologies. The majority of Healthcare processes aren't clearly defined, have no ownership, metrics and merely evolved over time. Successful deployments typically consist of Black Belts and Green Belts running projects across the business. Allocate those tricky projects to Black Belts but rely on Green Belts to resolve the majority of problem areas.

## Lean Sigma Roadmap

Lean Sigma uses both the methodologies of Six Sigma and Lean to analyze the variation and waste in processes. We analyze variation and determine the root causes. We eliminate waste (non-value added activities) and design a new process surrounding the steps that add value to the customer. Finally, Lean Sigma puts controls in place to sustain the gains and ensure continued success.



## Lean Sigma Green Belt

Attendees learn the roadmaps and Green Belt tools to dramatically improve processes that exhibit these characteristics. Green Belts tend to work on smaller scoped projects than Black Belts and their tool set is not as statistically based. Nevertheless, Green Belts form the majority of the horsepower in all Lean-Sigma deployments.

## Lean-Sigma Black Belt

### Duration:

- 4 x 5 day sessions spread over 4 months

### Who Should Attend:

- Process improvement staff
- Green Belt candidates leading more complex, inter-departmental or even inter-divisional projects

### Key Topics:

- **Define:** Identifying Needs, Project Chartering, Team Formation, Project Management, Change Management, Meeting Management, Communication Planning
- **Measure:** Mapping Tools, Understanding Current State, Risk Assessment, Metrics & Measures, Basic Statistics, Minitab & Data, Measurement Systems Analysis (MSA), Passive Data Study Preparation
- **Analyze:** Statistical Hypothesis, Making Comparisons (to a standard, one-one, multiple), Testing Relationships, Understanding Sources of Variation, Statistical Confidence
- **Improve & Control:** Process Design, 5S, Setup Reduction, Visual Management, Work Area Design, Interactions With Suppliers (& Customers), Control Methods, SPC, Validating Results

## K-Sigma™ Black Belt

### Duration:

- 6 Weeks Training
- 2 Day Discovery Event
- 1 Week Kaizen Event

### Additional Key Topics:

- Advanced Problem Solving
- Kaizen Roadmap and Facilitation

### K-Sigma™ Black Belt Deliver:

- Accelerated project results with clear financial benefits, quickly!

## Lean Sigma Black Belt

Attendees learn the roadmaps and Black Belt tools to dramatically improve any process including both Clinical and Administrative processes. A Black Belt's tools set is more statistically based and allows them to solve more complex, cross-functional, deep rooted problems. Allocate those tricky projects to Black Belts and rely on them to support Green Belts working other smaller projects.

### Benefits:

- Understanding of the process and Black Belt tools
- Ability to deliver project results within/ across processes
- Scoped and defined project
- Web Ex/ Telephone consulting (on-site mentoring available separately at additional cost)
- 6 month Minitab license
- Ability to lead Process improvement teams

## K-Sigma™ Black Belt

K-Sigma is a revolutionary approach to achieving Six Sigma results in half the time of typical Black Belt or Lean Six Sigma training! Not only are project results accelerated, but process improvement experts are trained in a fully integrated roadmap that will enable them to handle any kind of business problem in any environment.

K-Sigma training creates Black Belts able to identify, scope and lead Kaizen events which accelerate the traditional Lean Sigma roadmap. A discovery event is conducted as part of the Define/Measure stages and allows a rapid understanding of the process and identifies possible quick hits. Later, implementation Kaizens speed up the Improve/Control stages, setting improvements and rudimentary controls in place in a matter of days.

## K-Sigma™ Training Consists of 5 Sessions:

