

Lean Six Sigma Training and Certification



Continuous Improvement Data-Driven

Classroom Leader and Project Coach

Kate Chepeleff is a project/process engineer with more than 20 years of engineering experience in heavy industry and manufacturing with leading companies including Corning and Alcoa. She is a certified Lean Green Belt and Six Sigma Black Belt with strong communication skills applied across many levels of an organization. She is recognized for her leadership on transformational team-based initiatives, continuous improvement expertise, and as a results-driven change agent. Kate has a solid background in training program development and delivery.

Lean Six Sigma combines the efficiencies of Lean with a highly data-driven component that spotlights *quantifiable* results.

In eight full-day sessions over two months, participants learn the basic concepts, and then apply them directly on a required project in their own department so **your company realizes immediate results**. Class members learn by doing, and from each other, as well as from CITEC's expert staff, to ensure success.

Who Should Attend

Prerequisites: CITEC's Lean White Belt or Lean Foundations, or equivalent training/experience.

This class is geared toward people who will lead improvement efforts at their company. LSS is a data-based methodology using statistical calculations and techniques. Candidates are not required to have formal math education, but an interest in data-based analysis is desirable.

Topics Covered

Define	Process management and team dynamics <ul style="list-style-type: none">Collect the voice of the customerCreate communication planSelect teamLaunch project
Measure	Process analysis and documentation using statistics to define process capability <ul style="list-style-type: none">Create a data collection planValidate measurement systems
Analyze	Data analysis and hypothesis testing <ul style="list-style-type: none">Define process capability and identify root causes of variation
Improve	Design of Experiments (DOE) and Statistical Process Control (SPC) <ul style="list-style-type: none">Identify alternative solutions, develop models and validate solutions
Control	Implement and validate solutions and incorporate controls to maintain the results. <ul style="list-style-type: none">Develop implementation and control/response plan, develop training and standard workTransition project to process owner

Contact

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CITEC
Business Solutions

CITEC has a 30 year track record of delivering results working with small and medium-sized businesses across the North Country. We bring world class resources through our state and national network. More information at citec.org.

Lean Six Sigma is offered at various times throughout the year. Contact Kate Chepeleff at the information to the left for details.



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