

Stony Brook University Corporate Education & Training

Vice President for Economic Development



Six Sigma Green Belt Training

Stony Brook University's Center for Emerging Technologies (CET) and The University at Buffalo's Center for Industrial Effectiveness (TCIE) are proud to present Six Sigma Green Belt Training. During this three month program participants will learn the fundamentals of Six Sigma systems and understand principles and concepts of quality management.

Define project charter, roles and responsibilities, voice of the customer
Measure process mapping, data collection techniques, variation
Analyze data evaluation (histogram, pareto charts, scatter diagrams)
Improve brainstorming, quality function deployment, mistake-proofing
Control statistical process improvement, assess process results

Participant's Will Learn:

You will learn how to identify, prioritize, and charter Six Sigma projects by using SIPOC (Suppliers-Inputs-Process-Outputs-Customers) and other techniques, including critical X (input) and Y (output) variables. Using process mapping, Failure Modes and Effects Analysis (FMEA), and other team analysis techniques, you will learn how to identify, reduce, and prevent quality problems, needless complexity, delays, and other performance inhibitors. You will use state-of-the-art statistical software and international standards of evidence. Further instruction of the DMAIC methodology will transfer knowledge on how to translate analysis results into recommendations for improving target processes applying statistical or non-statistical control tools to sustain the gains achieved from Six Sigma improvement project.

Who Should Attend:

Professionals including engineers, managers, continuous improvement specialists, financial controllers, information technology specialists, production supervisors, team leaders, quality managers, and anyone in process improvement.

Requirements:

Participants are required to bring a laptop with a CD drive and loaded with Minitab v14. Participants need to identify their Green Belt projects before training begins.

**This is a 3 month program.
Call 631-632-8433 for the latest
course schedule.**

Cost: \$3495

To register: www.sunysb.edu/sbcet

**Course is held at:
Stony Brook University Center for Emerging Technologies**

**www.sunysb.edu/sbucet
631-632-8433**

**Choose Stony Brook as your partner in
workforce training and development.**

**STONY
BROOK**
STATE UNIVERSITY OF NEW YORK

Six Sigma

Green Belt Training Certification

**Stony Brook University
Center
for Emerging
Technologies**

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Center for Emerging Technologies**
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Six Sigma Green Belt Certification

The Green Belt Certification training is an important step and a strategic direction for an organization seeking the benefits of Six Sigma. By having qualified Green Belts as part of your Six Sigma team, your commitment to achieve results through a company-wide deployment of Six Sigma is easier to accomplish. Green Belt candidates will learn the fundamentals of the Six Sigma methodology (DMAIC), understand principles and concepts of quality management and learn how to effectively apply appropriate Six Sigma tools at the opportune time.

