

LEAN SIX SIGMA GREEN BELT TRAINING AND CERTIFICATION PROGRAM

The Lean Six Sigma Green Belt Certification Program offers a unique combination of classroom sessions, mentoring and training projects to accelerate basic Lean Six Sigma skills acquisition. Participants will learn by doing in this hand on program.

Course Description

CNYTDO is proud to offer the Lean Six Sigma Green Belt Certification Program to AM-TEC participating companies. This is a highly interactive program during which the participants learn the basic concepts then apply them by become the team leaders and implement change with a required project in their own Department, Work Area or Value Stream. Drawing on the basic knowledge participants will have acquired during the classroom sessions, candidates will prepare and facilitate an event or project in a supportive environment that provides the guidance they need to become successful Green Belts. They will select from the following Event or Project Areas to customize from the perspective of their own organization’s goals:

Event Topics (duration typically 3-5 days plus pre-work)

- Process Level Value Stream Mapping: Current State & Future State (Planning Event)
- Workplace Organization (5S)
- Standard Work Implementation
- Quick Changeover
- Material Flow
- Waste Reduction (Cell, Work Area or Department)
- Quality Improvement, Defect Reduction (Mistake Proof, Fail Safe)
- Other as agreed to by participant and coach

Project Topics (duration typically 3-6 months)

- Department Level Value Stream Mapping: Current State & Future State (including action plan follow up, metrics, control plan)
- Process, Product or Work Cell Level Variation Reduction
- Standard Work Creation & Implementation
- TPM: Total Productive Maintenance
- Product or Process Optimization DMAIC (Quality, Cost & Speed)
- Other as agreed to by participant and coach

Training Schedule

Classroom training sessions*

Dates	Agenda
February 4th & 19th	Classroom Training: Project Selection, DMAIC & DMADV (DFLSS) overview, Define phase
March 18th	Classroom Training: Measure

April 2nd & 16th	Classroom Training: Event/Project Planning, Analyze Phase
May 20th	Classroom Training: Analyze, DMADV Analyze, Design & Verify
June 6th	Classroom Training: Improve, Control
June 12th	Classroom Training: Control, Course Review, Final Exam

***Participants must attend all sessions, be active participants in every class, attain a passing score on the final exam and complete a Green Belt project to achieve certification.**

Optional coaching & project review sessions**

Dates	Attendance Requirement
February 5th & 6th	Optional, by appointment typically 1-2 hrs.
March 3rd & 14th	Optional, by appointment typically 1-2 hrs.
May 16th & 22nd	Optional, by appointment typically 1-2 hrs.
June 5th	Optional, by appointment typically 1-2 hrs.
July 9th & 10th	Optional, by appointment typically 1-2 hrs.
August 6th	Optional, by appointment typically 1-2 hrs.
September 10th	Optional, by appointment typically 1-2 hrs.
October 8th	Optional, by appointment typically 1-2 hrs.
November 5th	Optional, by appointment typically 1-2 hrs.
December 3rd	Optional, by appointment typically 1-2 hrs.

****E-mail coaching is available to address the flexible need of participants. Project issues and coaching questions should be submitted to LSScoaching@tdo.org, participants can expect a 48 hours turnaround time.**

Certification Requirements

Participants who are awarded Lean Six Sigma Green Belt certification will have attended all classroom sessions, proven their knowledge of critical concepts through a passing score on the final exam and their capabilities in implementing continuous improvement efforts at their companies through completion of a training project. Lean Six Sigma Green Belt candidates will each need to define a training project for consideration by their CNYTDO Coach. Once approved, the participant must complete that project and submit a detailed description of the project, before and after conditions and the results/metrics. Certification is predicated on mutual agreement, between CNYTDO and the

candidate's own company, that the candidate has satisfactorily completed all requirements and is ready to be acknowledged as a Certified Lean Six Sigma Green Belt.

Instructor Profiles

Lead instructor: Deborah Forbey, Certified Master Black Belt

Deb Forbey is a GE Certified Master Black Belt with 13 years of Lean Six Sigma experience; she has received numerous awards during her career as a MBB including recently being recognized by The Six Sigma Management Institute with an award for Coaching Excellence. Prior to acquiring Master Black Belt certification in 2000, Deb spent 20 years working in manufacturing and new product development in roles such as Designer, Product Development Engineer and Engineering Manager. In addition to MBB certification, Deb is also certified as a TWI Job Instruction and Job Relations trainer by the TWI Institute; as a Project Management Professional (PMP®) by the Project Management Institute and Lean Product Development and Lean Office trainer by NIST MEP. Deb is a graduate of Cardinal Stritch University, with a Bachelor of Science degree in Business and has completed post graduate work at the University of North Florida's school of Business.

Secondary: Alan Lane, Black Belt

Alan Lane is a Black Belt with over 20 years of diverse manufacturing experience, he is a strong leader recognized for improving manufacturing competitiveness, leading change, and developing staff potential. Alan is a Certified 6 Sigma Green Belt, a TWI Institute Certified Trainer and holds a Masters of Engineering & Quality from Kennedy-Western University. He earned his B.S. in Industrial Arts Education from the State University of New York at Oswego. Alan is a seasoned project leader and trainer. He has led Lean Manufacturing initiatives including 5S, Value Stream Mapping, Total Productive Maintenance, Set-Up Reductions, Critical Spare Parts and 1st Piece Inspection projects that have returned significant savings and cycle time reductions. Alan also drove the successful implementation of ISO 9000 registration at two facilities.

Alan's previous positions include Operations Manager, Director of Quality, and Continuous Improvement Coordinator and for both small and large companies in union and non-union settings. His experience crosses a wide variety of industries including aluminum can making, labels, folding cartons, electronic devices and paperboard container production.

Who Should Attend

The Lean Green Belt Certification Program is specifically designed to develop the basic skills needed to lead small scale improvement efforts and to support more complex Black Belt Lean Six Sigma projects. Anyone interested in acquiring a basic understanding of how to apply LSS in their organization is encouraged to attend.

Registration

CNYTDO is pleased to offer this unique training/certification program to AM-TEC companies. The cost to attend is: **\$875/participant**. Due to limited capacity, companies are limited to two participants. The series is limited and interested participants should be submitted as soon as possible by contacting:

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