LEARN SIX SIGMA BLACK BELT CERTIFICATE

**Date:**  October 20 – December 19

**Presented by:** Lone Star Corporate College in partnership with The Quality Group, Inc.

**Format:** Instructor-led hybrid - Eight (8) weeks. Virtual sessions are scheduled Tuesdays 6:00 p.m. – 8:00 p.m. beginning 10/21/14.

**Course:** BMGXC 5000125

**Description:** This course is designed to take certified Green Belts to the Black Belt level. Black Belt certification will train participants to serve as process improvement project team leaders. Participants will learn problem solving tools and basic statistical techniques and will be required to apply their knowledge to a project they will complete.

**Overview:** This course will follow the Define, Measure, Analyze, Improve, Control (DMAIC) methodology:

- Define – identify and/or validate improvement projects, illustrate business processes, define customer requirements, and prepare to lead project teams
- Measure – employ tools to determine critical measures necessary to satisfy customer requirements and develop a measurement plan to document performance
- Analyze – analyze data to identify root causes, identify opportunities for improvement, and determine causes of variation and customer dissatisfaction
- Improve – create solutions to eliminate root causes; apply methods of solution identification, prioritization, and implementation; and gain solution and plan approval for impacts change will have on an organization
- Control – develop and use a control plan to ensure results are successfully sustained, share lessons learned, identify standardization methodologies, and encourage continuous process improvement.

**Hours:** 62 contact hours  
**Cost:** $3,324

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For registration assistance, contact:  
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Lean Six Sigma Black Belt Certification

Overview

This course is designed to take certified Green Belts to the Black Belt level. Black Belt certification will train participants to serve as process improvement project team leaders. Participants will learn problem solving tools and basic statistical techniques and will be required to apply their knowledge to a project they will complete.

Prerequisite

The prerequisite for the course is a Lean Six Sigma Green Belt certification from Lone Star College System or an equivalent certification from an approved course.

Blended Learning

In today’s tight economic times, companies are looking for ways to save travel and training expenses. With blended learning, which is a combination of online e-learning and virtual instruction, the goal is to save time, reduce costs and improve outcomes. An experienced member of our Lean Six Sigma Master Black Belt will be assigned to the students to serve as a mentor and coach throughout the training.

Online Access

Each participant will be provided access to the e-learning portal. This is where participants will take the online courses and the certification exam. The portal contains several features which will help in the certification journey. Those features include student guides for each of the online courses; a lean six sigma virtual tool-kit; and several examples, spreadsheets, and forms to assist students in their projects and to enhance their learning experiences. Their project coach may also provide additional information and tools to meet specific needs and help them on their Lean Six Sigma journey.

If you have questions, contact:
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281.290.2925

Instruction provided by Lone Star College / Online information provided by The Quality Group Inc.