

COURSE OUTLINE

Lean Six Sigma Green Belt Progressive Step 3

Program developed and delivered by EZSigma Group.



ΣZSIGMA

www.ezsigmagroup.com

info@ezsigmagroup.com

Program Overview

A Lean Six Sigma Green Belt practitioner applies their knowledge to leading projects in their job function and often works as team members on Black Belt projects.

This program will prepare participants to assist their Champion in screening potential Lean Six Sigma projects, lead small, local optimization projects, assist with ongoing process-mapping and process performance assessments and support Lean Six Sigma Black Belts on larger improvement strategies.



DAY 1:

Setting up the Project for Success and Selecting Your Team

1. What we've learned so far about Lean and Six Sigma
2. Change Management
3. Project Selection
4. Introduction to Basic Statistics and Analysis

DAY 2:

Digging into the Process and Determining the Root Cause

1. Basic Statistics and Analysis continued
2. Introduction to Graphical Analysis
3. Introduction to Sampling
4. Confidence Intervals
5. Measurement System Analysis
6. Sampling
7. Defects and Defectives
8. DPU, DPO, DPMO and Sigma values



DAY 3:

Implementing Changes and Controlling the Process

1. Process Capability Indices
2. Data Collection Planning
3. Scatterplots and Correlation
4. Introduction to Regression
5. Introduction to Statistical Process Control



Learning Outcomes

- Apply the 5 principles of Lean and define “customer value-added” in Lean terms
- Identify, and assist team members in identifying the 8 sources of waste
- Facilitate the construction of a current and future state Value Stream Map (VSM)
- Explain the difference between “Push” versus “Pull” systems and the concept of “Flow”
- Understand how to apply workplace organization, including 5S & Visual Management
- Successfully facilitate a Kaizen (rapid improvement) Event
- Help organizations apply Lean concepts in Workplace Design and Layout
- Explain the importance of Standard Work in a Lean workplace
- Apply Error Proofing (aka Mistake-Proofing or Poka Yoke)
- Describe the purpose of Rapid Changeover Reduction
- Explain the importance of Total Productive Maintenance
- Define, plan and lead Lean projects
- Explain the Six Sigma approach and how process variation impacts process excellence
- Understand the importance of capturing and aligning with the voice of the customer (VOC)
- Describe the DMAIC as well as other key concepts and terms that are part of the Six Sigma methodology
- Understand and can construct basic Six Sigma charts
- Lead a team on a small to medium sized improvement project following the DMAIC process (Define, Measure, Analyze, Improve, Control)
- Determine which Lean and/or Six Sigma tools are most appropriate in a given situation



Course Facilitator: Jeff Woods ASQ LSSBB, LSSMBB



Jeff Woods is a Master Black Belt with over 20 years of experience leading Lean Six Sigma deployment, training, and transformation initiatives. He has supported organizations across technology, manufacturing, financial services, and operations environments, focusing on practical application and measurable improvement outcomes.

He previously served as Director of Lean Six Sigma at Ceridian, where he led enterprise-wide continuous improvement strategy, training, and execution.

Jeff brings extensive experience delivering customized Lean Six Sigma training programs, mentoring improvement leaders, and helping organizations translate continuous improvement principles into measurable operational results.

Course Facilitator: Mike Norman, LSSMBB



Mike Norman is a Lean Six Sigma Master Black Belt with over 30 years of experience in operational excellence across healthcare, education, and public sector environments.

He specializes in Lean Six Sigma training, project coaching, and Lean system implementation. His experience includes leading multi-site improvement initiatives focused on patient flow, operational efficiency, and performance management.

Mike brings strong capability in translating Lean principles into practical, sustainable operational systems.

Mike brings extensive experience delivering customized Lean Six Sigma training, developing internal improvement leaders, and helping organizations build sustainable continuous improvement capability that drives measurable business results.

Course Facilitator: Riaz Ali, P.Eng., LSSBB



Riaz Ali is a Professional Engineer and Lean Six Sigma Black Belt with over 15 years of experience in engineering, energy, telecommunications, and municipal environments.

He has led major improvement initiatives for organizations including TC Energy, Bechtel, and ConocoPhillips Canada focusing on data-driven process improvement and operational optimization.

Riaz also brings significant instructional experience from the University of Calgary, where he has designed and delivered Lean Six Sigma certification programs.

Riaz brings extensive experience in continuous improvement training, data-driven decision making, and operational performance improvement within complex engineering and industrial settings, helping participants develop the skills required to lead and sustain meaningful business improvements.

Course Materials

Included with the registration fee are course materials and toolkit.

Participants will also be provided with recommended online resources.

2026 Course Price & Dates

Course Price: \$3105 + applicable taxes per person

Course Dates: October 14, 2026 (White Belt prerequisite) +
October 27 – 28, 2026 (Yellow Belt prerequisite) +
November 17 – 19, 2026 (Green Belt)

Mike Ewing
E: mewing@ezsigmagroup.com
M: 416.648.6509

Elizabeth Jamischak
E: lstuart@ezsigmagroup.com
M: 416.737.1729

