



# Lean Six Sigma Black Belt Training

**Knowledge, skills, and abilities to lead change initiative at the strategic level**

**Monday, May 11, 2026 through Friday, May 15, 2026**

**9:00 AM - 4:00 PM daily**

Advance your knowledge, skills, and abilities to lead change initiative at the strategic level of organizations using simulations, case studies, and participant interactions. Develop skills to implement statistical process control (SPC), use various strategic planning tools, optimize machine up-time rates, alleviate bottlenecks, calculate financial metrics, and lead change initiatives in any organization. Requires 30 classroom hours with 10-15 additional hours of reading, study, and homework to be completed prior to and during the week of instruction. Lead required participant discussions. Requires a previous Lean Six Sigma Green Belt.

## Agenda

- Day 1: Organizational structures, KPIs, team facilitation, and organizational change management
- Day 2: Total Quality Management, Statistical Process Control, and strategic planning
- Day 3: Theory of Constraints, Project Management, TPM, and Shingo style process mapping
- Day 4: DFSS, QFD, seven quality tools, culture of quality, and gap analysis
- Day 5: Benchmarking, systems thinking, and Lean Six Sigma Black Belt certification exam

## Expected Learning Outcomes

- Communicate business value of Lean Six Sigma
- Lead change initiatives across the organization
- Facilitate executive or strategic planning events
- Effectively utilize and teach the fundamentals of Lean Six Sigma
- High degree of confidence to pass Lean Six Sigma Black Belt certification exam

## Meet the Expert: Erik Christensen

Erik is an accomplished Lean instructor who brings a wealth of experience and practical knowledge to the program. With over 20 years of experience across multiple industries, Erik provides students with diverse insights.

## Location

UNLV Continuing Education Center  
4350 S. Maryland Parkway  
Las Vegas, NV 89119

## Registration

Fee: \$2,400

[Lean Six Sigma Black Belt Training \(7460E\)](#)



## GET IN TOUCH

Michael Cymbrowsky | Manufacturing Business Advisor  
MCymbrowsky@ManufactureNevada.com  
858-344-6159

## Workshop Includes:

Expert lead instruction, workbook, and a Lean Six Sigma Black Belt Certificate upon passing exam