

Learn to improve processes and productivity

START YOUR LEAN SIX SIGMA TRAINING

WE'LL HELP YOU DELIVER RESULTS

\$213,374

Average Saved Per Project Completed* 54%

Average Reduction in Processing Time

VIEW CASE STUDIES >

53%

Average Defect Reduction

*Green Belt Project with Coaching

EASILY LAUNCH LEAN SIX SIGMA

Set up and start your Lean Six Sigma training in just 1 day

START FREE TRAINING >



Create a Foundation for Lean Six Sigma

Our Lean Six Sigma courses standardize knowledge across your organization—so all your teams can collaborate towards Continuous Improvement.



Give Access To All Your Teams

Easily set up teams and learners with our Learning Management System then track training progress across your organization.



Project-Based Learning

Complete real projects and deliver real business results alongside training—and get support from our Master Black Belts if you need it.

AUTOMATE YOUR LEAN SIX SIGMA PROGRAM

With Kure, you can easily create and manage a pipeline of Lean Six Sigma projects that continuously deliver results.



LEAN SIX SIGMA COURSES

Highest Rated, Fully Online, Self-paced Learning

START FREE TRAINING >



Yellow Belt - \$99

Our new Lean Six Sigma Yellow Belt Training will quickly introduce you and your teams to the basic elements of problem solving using Lean Six Sigma.



Green Belt - \$399

Our Lean Six Sigma Green Belt Training & Certification teaches you how to use DMAIC to complete Lean Six Sigma projects.



Black Belt - \$899

Our Lean Six Sigma Black Belt Training & Certification uses DMAIC to build your leadership and statistical skills. Includes project completion.

GLSS is a member of the PMI® Authorized Training Partner Program. The PMI® Authorized Training Partner seal is a registered mark of the Project Management Institute, Inc. GLSS is certified as a Minority Business Enterprise by the Western Regional Minority Supplier Development Council.





Get access to all courses with a

GLSS MEMBERSHIP SUBSCRIPTION PLAN

All GLSS Membership Subscription Plans include:

- Yellow Belt Training & Certification (2 PDUs)
- Green Belt Training & Certification (32 PDUs)
- Black Belt Training & Certification (48 PDUs)
- Lean Training & Certification (16 PDUs)
- White Belt Training & Certification (1 PDU)

Training and Certification are included. All courses are fully online and self-paced.



\$199 per year INDIVIDUAL



\$2,499 per year **20 SEATS**



\$4,999 per year **50 SEATS**



\$9,999 per year **500 SEATS**



START FREE TRAINING >



INDIVIDUAL PLAN | \$199/year | 1 Seat TEAM PLAN | \$2,499/year | 20 Seats

BUSINESS PLAN | \$4,999/year | 50 Seats ENTERPRISE PLAN | \$9,999/year | 500 Seats

| GLSS | YELLOW BELT | GREEN BELT | BLACK BELT |
|---|---|--|---|
| Training Cost | \$99 | \$399 | \$899 |
| Certification Cost | Included | Included | Included |
| Estimated Completion Time | 2 Hours | 4 Days / 32 Hours | 6 Days / 48 Hours |
| Learning Management System | Υ | Υ | Υ |
| Training | Online, Self-Paced | Online, Self-Paced | Online, Self-Paced |
| Certification | Online, 40 Multiple Choice Questions | Online, 130 Multiple Choice Questions | Online, 185 Multiple Choice Questions, Project and Elective |
| Project Management Software | Optional (<u>Kure</u>) | Optional (<u>Kure</u>) | Optional (<u>Kure</u>) |
| Statistical Software | Optional (<u>Kure</u>) | Optional (<u>Kure</u>) | Optional (<u>Kure</u>) |
| Coaching | <u>Optional</u> | <u>Optional</u> | <u>Optional</u> |
| CEUs | 0.2 CEU | 3.2 CEUs | 4.8 CEUs |
| PDUs | 2 PDUs | 32 PDUs | 48 PDUs |
| INTRODUCTION PHASE | | | |
| What is Lean Six Sigma? | Υ | Υ | N |
| Benefits of Lean Six Sigma | Υ | Υ | N |
| Who Uses Lean Six Sigma? | Υ | Υ | N |
| Lean Six Sigma Roles | Υ | Υ | N |
| The 8 Wastes | Y (Covered in Measure Phase) | Υ | N |
| PDCA Overview | N | Υ | Υ |
| DMAIC Overview | Υ | Υ | Υ |
| Project Selection | N | Υ | Υ |
| Project Selection Facilitation | N | N | Υ |
| Strategic Alignment With Project Selection | N | N | Y |
| The Road to Black Belt Certification | N | N | Y |
| Black Belt as Coach | N | N | Υ |
| Build Leadership Skills | N | N | Υ |
| Purpose and Project Work | N | N | Υ |
| Influence Strategies | N | N | Υ |

Version 11-2023

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|---|------------------------------|------------|------------|
| Facilitation of High-Performing | N | N | Υ |
| Teams | | | |
| DEFINE PHASE | | | |
| Project Charter | Υ | Υ | Υ |
| Problem/Opportunity Statement | N | Y | Y |
| Goal Statement | N | Υ | Υ |
| Customer Value | N | Υ | N |
| Kano Analysis | N | Υ | N |
| Affinity Analysis | N | Υ | Υ |
| Tree Diagram | N | Υ | N |
| Voice Of the Customer (VOC) Translation Matrix | N | Υ | Υ |
| Process Walk | Y (Covered in Measure Phase) | Υ | Υ |
| Process Walk Facilitation | N | N | Υ |
| Organizational Level Process Map | Y (Covered in Measure Phase) | Υ | N |
| SIPOC (High Level Process Map) | N | Υ | Υ |
| Value Stream Map | N | Υ | N |
| Swimlane Map | Y (Covered in Measure Phase) | Υ | N |
| Spaghetti Map | N | Υ | N |
| Communication Plan | N | Υ | Υ |
| A3 | N | Υ | N |
| Stakeholder Analysis | N | Υ | Υ |
| Relationship Map | N | Υ | Υ |
| Threats & Opportunities Matrix | N | Υ | N |
| Meeting Productivity | N | Υ | N |
| Ground Rules | N | Υ | N |
| RACI Matrix | N | Υ | N |
| Team Dynamics (Alignment Model) | N | Υ | Υ |
| Plus Deltas | N | Υ | N |

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|---|-------------|------------|------------|
| Strengthen Leadership Skills | N | N | Υ |
| Coach Approach - Socratic Method | N | N | Υ |
| Influence Strategies – Build Ownership | N | N | Υ |
| Facilitation Skills – Make Meetings Work | N | N | Υ |
| MEASURE PHASE | | | |
| Selecting Measures | Υ | Υ | Υ |
| Lean Metrics | N | Υ | N |
| Value Stream Definitions | N | Υ | N |
| Measuring Customer Demand (Takt Time) | N | Υ | N |
| Data Types | N | Υ | Υ |
| Basic Statistical Terms | N | Υ | Υ |
| P Value | N | N | Υ |
| Normality and Distributions | N | N | Υ |
| Anderson-Darling Test for Normality | N | N | Y |
| Data Collection Planning | N | Υ | Υ |
| Operational Definitions | N | Υ | Υ |
| Stratification | N | Υ | Υ |
| Check Sheets | N | Υ | N |
| Sampling | N | Υ | Υ |
| Sampling Strategy | N | N | Υ |
| Sampling Calculations | N | N | Υ |
| Measurement Systems Analysis | N | Υ | Υ |
| Gage R&R – Continuous (MSA) | N | N | Υ |
| Gage R&R - Discrete (MSA) | N | N | Υ |
| Capturing Baseline Data | Υ | Υ | Υ |
| Baseline Measures - Sigma, DPMO, DPU, Percent Defective, Yield, Rolled Throughput Yield | N | Υ | Υ |

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|---|-------------|------------|------------|
| Process Capability (Cpk, etc.) | N | N | Υ |
| Cost of Poor Quality (COPQ) | N | Υ | N |
| Coach Approach - Balanced Feedback | N | N | Υ |
| Influence Strategies - Future Press Release | N | N | Υ |
| Facilitation Skills – Decision Making | N | N | Υ |
| ANALYZE PHASE | | | |
| Process Analysis | Υ | Υ | Υ |
| Rework Loops | Υ | Υ | Υ |
| Redundancies | N | Υ | Υ |
| Bottlenecks | N | Υ | Υ |
| Inspections & Decisions | N | Υ | Υ |
| Handoffs | Υ | Υ | Υ |
| Value Stream Map Analysis | N | Υ | Υ |
| Value-Add Flow Analysis | N | Υ | Υ |
| Conduct Data Analysis | N | Υ | Υ |
| Histograms | N | Υ | Υ |
| Pie & Bar Charts | N | Υ | Υ |
| Pareto Charts | N | Υ | Υ |
| Run Charts | N | Υ | Υ |
| Box Plots | N | Υ | Υ |
| The 5 Whys | Υ | Υ | Υ |
| The Fishbone Diagram | N | Υ | Υ |
| Develop a Hypothesis | N | Υ | Υ |
| Null & Alternative Hypothesis Statements | N | N | Υ |
| Practical Problem and Statistical Problem | N | N | Υ |
| Confirm Hypothesis With Data | N | Υ | Υ |
| Confirmation by Observation & Turning Off/On Root Cause | N | Υ | N |

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|--|-------------|------------|------------|
| Lay Hypothesis Testing Groundwork | N | N | Υ |
| Test Discrete Data | N | N | Υ |
| 1-Proportion | N | N | Υ |
| 2-Proportion | N | N | Υ |
| Chi-Square Test | N | N | Υ |
| Test Continuous Normal Data | N | N | Υ |
| Test for Two Variances (F-Test) | N | N | Υ |
| Bartlett's Test | N | N | Υ |
| One-Sample T-Test | N | N | Υ |
| Two-Sample T-Test | N | N | Υ |
| 1-Way ANOVA Test | N | N | Υ |
| Test Continuous Non-Normal Data | N | N | Υ |
| Levene's Test | N | N | Υ |
| One-Sample Sign Test | N | N | Υ |
| Mann-Whitney Test | N | N | Υ |
| Moods-Median Test | N | N | Υ |
| Test Correlation | N | N | Υ |
| Regression Test | N | N | Υ |
| Scatter Plot | N | Υ | Υ |
| Multiple Regression Test | N | N | Υ |
| Coach Approach - Guide Hypothesis Testing | N | N | Υ |
| Influence Strategies – Opt-Out Techniques | N | N | Υ |
| Facilitation Skills – Help/Hinder | N | N | Υ |
| IMPROVE PHASE | | | |
| Team Member Review | N | Υ | N |
| Brainstorming Solutions | N | Υ | N |
| Analogy | N | Υ | N |
| Anti-Solution | N | Υ | N |

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|--|-------------|------------|------------|
| Brain-Writing | N | Υ | N |
| Chanelling | N | Υ | N |
| Design of Experiments (DOE) | N | N | Υ |
| DOE – One Factor At a Time | N | N | Υ |
| DOE – Two Factorial | N | N | Υ |
| DOE – Full Factorial | N | N | Υ |
| Lean Principles - Value, Flow, Pull, Perfection | N | Υ | N |
| Create Flow | N | Υ | N |
| Batch Size Reduction | N | Υ | N |
| Single Piece Flow | N | Υ | N |
| Changeover Reduction (SMED) | N | Υ | N |
| Work Cell Design | N | Υ | N |
| Workload Balancing and Demand Levelling | N | Υ | N |
| Cross-Training | N | Υ | N |
| Parallel Processing | N | Υ | N |
| Kanbans & Supermarkets | N | Υ | N |
| Standard Work | N | Υ | N |
| Standard Work Worksheet | N | Υ | N |
| 5S | Υ | Υ | N |
| Future State Map | N | Υ | Υ |
| Future State Value Stream Map | N | Υ | N |
| Impact Effort Matrix | N | Υ | Υ |
| Weighted Criteria Matrix | N | Υ | N |
| Solution Selection Matrix | N | Υ | N |
| FMEA (Failure Modes & Effects Analysis) | N | Υ | N |
| Mistake-Proofing (Poka-yoke) | N | Υ | N |
| Visual Management | Υ | Υ | Υ |
| Andons | N | Υ | N |

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| Kanban Boards | N | Υ | N |
| Task Boards | N | Υ | N |
| Rapid Improvement Event (Kaizen) | N | Υ | N |
| Quick Wins | Υ | Υ | N |
| Pilot the Solution | N | Υ | N |
| Multi-Phase Implementation | N | Υ | N |
| Full-Scale Rollout | N | Υ | N |
| Implementation Plan | Υ | Υ | Υ |
| Coach Approach - Solving for Root Cause | N | N | Υ |
| Influence Strategies – Building Networks | N | N | Υ |
| Facilitation Skills – Using Failure and LCS | N | N | Υ |
| CONTROL PHASE | | | |
| Monitoring & Response Plan | N | Υ | Υ |
| Select Control Charts | N | Υ | Υ |
| I & MR Chart | N | Υ | Υ |
| X-Bar & R Average and Range Chart | N | N | Υ |
| X-Bar & S Average and Standard Deviation Chart | N | N | Υ |
| P Chart | N | Υ | Υ |
| nNP Chart | N | N | Υ |
| C Chart | N | N | Υ |
| U Chart | N | N | Υ |
| Documentation | N | Υ | Υ |
| Storyboard | N | Υ | Υ |
| Executive Summary | N | Υ | N |
| Pursuit of Perfection | N | Υ | N |
| New Target - Waste Walk | N | Υ | N |
| Innovation Transfer | N | Υ | Υ |

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|--|-------------|------------|------------|
| Influence Strategies – Maintain the Gains | N | N | Υ |
| Best Practices for Completing a Project | N | N | Y |