

# Lean Six Sigma Black Belt Certification Program

Online & In-Person  
Blended Learning

Black Belts are the driving force behind successful operational excellence teams. As leaders and project managers, their skills and expertise are critical in achieving sustainable improvements within an organization.

By combining proven adult learning methods with personalized instructor support, MoreSteam's blended learning program equips candidates with the tools they need to feel confident and successful in their roles as Black Belts. This program develops a participant's proficiency in advanced statistical analysis, problem-solving, leadership, and change management skills.



MoreSteam®

LEAN SIX SIGMA  
**BLACK BELT**  
CERTIFIED

## Who Is This Program For?

This course is ideal for individuals aspiring to become versatile leaders in organizational process improvement.

### Examples of those who can benefit:

- Current process improvement practitioners looking to advance their careers
- Departmental managers facilitating improvement projects
- New operational excellence training facilitators
- Engineers and process designers new to Lean Six Sigma

### This Program Includes

140 HOURS

Practice-Based Online  
Training with Exam Prep

1 WEEK

In-Person Simulation-  
Based Workshop

5 HOURS

1-on-1 Coaching and  
Project Support

6 VIRTUAL

Instructor-Led Study Halls

1 YEAR

Subscription Access  
to EngineRoom® Data  
Analysis Software



*The Engine Room of Continuous Improvement®*

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## Program Schedule

### Week 1

Kick-Off Webinar

### Week 4

Virtual Study Hall #1: Define

### Week 9

Virtual Study Hall #2: Measure

### Week 14

Virtual Study Hall #3: Analyze I

### Week 21

Virtual Study Hall #4: Analyze II

### Week 24

Simulation Workshop:

- InBox® Lean Sim
- Sigtabrew DMAIC Sim
- Design of Experiments

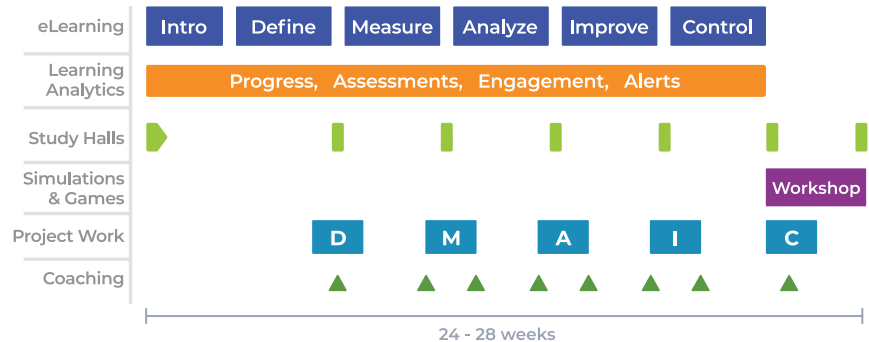
### Week 25

Virtual Study Hall #5: Improve

### Week 28

Virtual Study Hall #6: Control

## Blended Learning Program Structure



This program is designed to ensure your success. Our Blended Learning model combines eLearning, coaching, simulations, and project work in a structured system designed for comprehension.

## Example Topics Covered

### Define

Project Selection  
Leading Change  
Leader Standard Work  
Source of Value  
Voice of the Customer  
Process Mapping  
Value Stream Mapping

### Measure

Graphical Summaries  
Process Variability  
MSA  
Throughput Yield  
Sigma Level  
SPC Charts  
Process Capability

### Analyze

Root Cause Analysis  
Multiple Regression  
Hypothesis Testing  
Cause & Effect  
Confidence Intervals  
(DOE) Design of Experiments

### Improve

Benchmarking  
FMEA  
Error-Proofing  
Continuous Flow  
Pull Schedule  
Piloting Solutions

### Control

Control Charts  
CHECK Process  
Standardized Work  
TPM  
Best Practices  
Project Close Out

## Certification

After training is completed, Black Belt candidates must pass the comprehensive exam with a score of 80% or higher and complete two projects for review to receive certification.

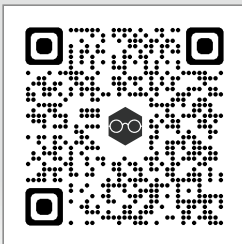
## Pricing & Details

The enrollment fee covers all costs for the course and materials. Participants must have certification completed within 18 months.

**\$6,985**

“Very comprehensive, covering practical key concepts and examples of various projects. I highly recommend this training.”

– Jon  
T. Marzetti Company



We build software to help people make important things work better.

*MoreSteam enables organizations of all sizes to advance their performance by delivering powerful, scalable online training and technology for enterprise process improvement.*

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