MoreSteam®

General Services Administration

Authorized Federal Supply Schedule

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SIN 611430: Professional and
Management Development Training

GSA® Contract Holder
Contract # 47QSEA22D003J

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About MoreSteam

MoreSteam is the leading global provider of online training, certifications, and technology for Lean Six Sigma. We work with individuals, universities, and businesses large and small to provide the process improvement training and software to fit their unique needs. MoreSteam has worked ceaselessly to deliver an ever-expanding catalog of eLearning courses and online software tools to fuel the success of its many Lean Six Sigma customers. We value innovation, integrity, quality, safety, and authentic relationships.

As a company grounded in continuous improvement, we apply those concepts to our business—regularly updating and enhancing our products. As a small business, we rely on our exceptionally talented team to help us serve a diverse client base. From global companies to the individuals seeking certification, we pride ourselves on providing the same outstanding customer service to everyone.

Why MoreSteam? What makes us unique?

Our suite of Lean and Six Sigma training simulations is unique in the GSA Schedule. Much like a flight simulator, these simulations are a quick and harmless way to recreate the complexity and messiness of problem-solving and drive home the concepts learned in training. MoreSteam offers training simulations at varying levels, from introductory Lean sims to fully simulated Black Belt DMAIC projects.



Customer Information

Awarded Special Item Numbers (SINs)
611430: Professional and Management Development Training

Business Size
Small Business

Business Type
For Profit
Limited Liability Company

Maximum Order
$1,000,000

Minimum Order
$2,000

GSA Discount
50-53%

Geographic Coverage
Worldwide

Points of Production
MoreSteam.com LLC

Discount from List Prices or Statement of Net Price
All prices listed are net

Volume Discounts
Contact MoreSteam

Payment Terms
Net 30 days

Government Purchase Cards
Yes

Time of Delivery
1 Business Day for eLearning

Urgent Requirements
Contact MoreSteam

Payment address
MoreSteam
9961 Brewster Lane
Powell, OH 43065

Warranty Provision
N/A

Terms and Conditions of Government purchase card acceptance
Will accept for above micro-purchase threshold

Central Contractor Registration CAGE/NCAGE Code
4XAJ4

Notification Regarding Registration in System for Award Management
Registered

General Services Provided

Lean Six Sigma Training & Certification

FUNDAMENTALS

Lean Six Sigma Overview - This course is for team members who need to develop a general awareness of Lean Six Sigma: what it is, why it matters, and what makes it successful. It provides a broad understanding of the Lean Six Sigma improvement methodology and concepts. Available in 6 languages.

Lean Six Sigma Yellow Belt - This course provides an overview of Lean Six Sigma concepts and tools. You'll become familiar with the Define-Measure-Analyze-Improve-Control (DMAIC) process and learn and practice a group of essential problem-solving tools.

INTERMEDIATE

Lean Six Sigma Green Belt - Develop the skills to lead successful continuous improvement projects. Learn basic problem-solving and analytical tools associated with the DMAIC process, team leadership, and project management techniques. Certification is also available. Available in 6 languages.

Transactional LSS Green Belt - Lean Six Sigma - it's not just for manufacturing! This Green Belt course includes only the tools most important to transactional settings, team leadership, and project management skills. More time is spent on practice in this course than in our standard Green Belt course.

Charting Process Behavior - Learn to chart and understand process behavior over time. Develop proficiency in all tools necessary to chart process behavior, quantify variability, and assess process capability. Covers Statistical Process Control and Statistical Quality Control bodies of knowledge.

General Services Provided

Lean Six Sigma Training & Certification

ADVANCED

Lean Six Sigma Black Belt - Team leader, statistical analyst, and project manager all rolled into one. Master this diverse set of soft and hard skills so that you can quickly lead critical projects to successful completion. Practice qualitative and quantitative analysis tools, including design of experiments. Certification also available. Offered in 3 languages.

LEADERSHIP

Kaizen Leader - Learn the skills needed to effectively plan and lead a Kaizen Event, a series of process improvement activities intended to extend over 3-5 days. This course includes teaching essential lean tools and techniques to identify and eliminate process waste. Can stand alone or be included to supplement additional training.

Lean Six Sigma Champion - The Champion's role in a process improvement project is to remove barriers to project success and ensure project teams have the organizational support they need to be effective. This course gives you a high-level understanding of what Belts and project teams do, tools for project selection and management, and guidance on leading teams and leading change.

Lean IT Essentials for Leaders and Teams - This course is designed to help your organization become the next success story in applying the principles of Lean in the IT space.

Fundamentals of Project Management - Learn the fundamental skills, techniques, and methods necessary to plan and lead a complex project to successful completion. This course is comprises multiple sessions that follow the Project Management Body of Knowledge as defined by the Project Management Institute.

General Services Provided

Design Training & Lean Six Sigma Training Simulations

DESIGN

Design for Lean Six Sigma - Develop products and services that can meet your customers' requirements in a timely, cost-effective manner. Design for Lean Six Sigma (DFLSS) is a set of best practices and tools that can integrate into a product or service development process to help products and services meet Six Sigma levels of quality.

Design for Six Sigma - Process/Service - Design for Six Sigma (DFSS) is not a methodology in and of itself. Rather, DFSS is a set of best practices and tools that, when integrated into a product/service development process, increases your organization's ability to meet your customers' requirements in a timely, cost-effective manner.

Agile Process Design - Develop new or revised process designs that meet your customers' performance requirements. This course blends the best methods from Design for Lean Six Sigma (DfLSS), Agile Software Development, Lean Startup, and Design Thinking into a practical and effective approach driven by virtual process prototyping.

TRAINING SIMULATIONS

Inbox - InBox is unique because it employs an email-based work process, providing first-hand experience with Lean office concepts where the workflow is essentially invisible.

Sherlock Holmes Zombie Hunter - Zombie Hunter is a simulated DMAIC project designed to mimic the ambiguity in real-world projects that Yellow Belts and Green Belts encounter. Teams must work through all the phases of DMAIC and decide how to collect and analyze data, implement improvements, and develop control strategies, while minimizing project expenses and cycle time.

Sigmabrew DMAIC- SigmaBrew is a simulated DMAIC project designed to mimic the ambiguity in real-world projects that Green Belts and Black Belts encounter. Teams must work through all the phases of DMAIC and decide how to collect and analyze data, implement improvements, and develop control strategies, while minimizing project expenses and cycle time.

St. Sigma Teaching Lab - St. Sigma is a hands-on case study for process improvement training. Based on the successful results of an actual hospital lab project, St. Sigma is a data-rich learning tool that instructors can use to teach process improvement concepts in a risk-free environment.

Tollgate Adventure - Tollgate Adventure is designed to provide guided practice for Lean Six Sigma project sponsors and champions in leading project tollgate reviews. The role play emphasizes the critical thinking required of sponsors and champions to, in turn, reinforce critical thinking in project teams.

General Services Provided

Simulation Facilitation & Certification Coaching

Lean Six Sigma Master Black Belt - MoreSteam Master Black Belts are highly trained and experienced experts in deploying Lean Six Sigma methods and tools. They are particularly adept at utilizing MoreSteam Blended Learning technologies for training, project coaching, and management support. MoreSteam Master Black Belts deliver Lean Six Sigma Black Belt, Green Belt, and Yellow Belt training, deliver Design for Lean Six Sigma Training, coach certification candidates executing process improvement projects, plan and supervise Kaizen Events, and provide coaching to organizational leaders. MoreSteam Master Black Belts are technical experts on Blended Learning methods and technologies and are very experienced training simulation facilitators.

MoreSteam Lean Six Sigma Master Black belts have **at least 10 years** of Lean Six Sigma experience leading training and successful project execution of dozens of other process improvement professionals.

Senior Lean Six Sigma Master Black Belt - MoreSteam Senior Lean Six Sigma Master Black Belts are highly trained and experienced experts in deploying Lean Six Sigma methods and tools are experienced in advising organizational leaders at the highest levels of the organization. They are particularly adept at leadership and deployment organization. MoreSteam Senior Master Black Belts are among the industry's most experienced and respected practitioners. They have participated in developing MoreSteam Blended Learning technologies for training, project coaching, and management support. MoreSteam Senior Master Black Belts deliver Leadership and Champion training and coaching, Lean Six Sigma Black Belt, Green Belt and Yellow Belt training, Design for Lean Six Sigma Training, coach certification candidates executing process improvement projects, plan and supervise Kaizen Events, and provide coaching to organizational leaders. MoreSteam Master Black Belts are technical experts on Blended Learning methods and technologies and are very experienced training simulation facilitators.

MoreSteam Lean Six Sigma Master Black belts have **at least 25 years** of Lean Six Sigma and process improvement leadership experience.

Contact Information

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Course Descriptions & Outlines

Lean Six Sigma Overview

Course Description

CEUs: 0.4

Overview:

This course is for team members who need to develop a general awareness of Lean Six Sigma: what it is, why it matters, and what makes it successful. You will gain a broad understanding of the Lean Six Sigma improvement methodology and concepts. Available in 6 languages.

Learning Objectives:

- Communicate using Lean Six Sigma concepts.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Accept the need to improve company performance to meet the marketplace's requirements.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Think about your organization as a collection of processes with inputs that determine the output.
- Recognize the five-step DMAIC model used to improve processes.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma program.
- Use an integrated approach to process improvement activities that uses the appropriate tools from both Lean and Six Sigma approaches.

Course Outline:

SESSION 1: Lean Six Sigma Overview **TOTAL: 4 HOURS**

- Introduction
- Introduction to Lean Six Sigma
- The Cost of Poor Quality
- Input Determines Output
- The 5 Lean Principles
- The 8 Forms of Waste
- Success Stories
- The 99.9% Problem
- Calculating the Sigma Level - Toolset
- DMAIC - The Improvement Process
- Organizing for Success
- Working Relationships
- Critical Success Factors
- Skill Check
- Course Completion and Feedback
- The Lean Six Sigma Journey

Lean Six Sigma Yellow Belt

Course Description

CEUs: 2.8

Overview:

The Lean Six Sigma Yellow Belt Course focuses on developing the learner's understanding of the fundamental tools, concepts, and mindsets of Lean Six Sigma. This includes prioritizing and obtaining voice of the customer data, determining what to measure and how to measure it, analyzing the root causes of problems and implementing solutions that last.

At the end of this course, learners can contribute meaningfully to process improvement project work. They will have a broad understanding of the DMAIC process improvement cycle and the confidence to choose and apply appropriate tools.

Learning Objectives:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five-step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques within the DMAIC model.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

Course Outline:

SESSION 1: Introduction to Lean Six Sigma	4.05 HOURS
SESSION 2: Tools to Define	6.90 HOURS
SESSION 3: Tools to Measure	5.85 HOURS
SESSION 4: Tools to Analyze	3.25 HOURS
SESSION 5: Tools to Improve	5.45 HOURS
SESSION 6: Tools to Control	2.65 HOURS
	TOTAL: 28.15 HOURS

Lean Six Sigma Green Belt

Course Description

CEUs: 8.3

Overview:

Develop the skills to lead successful continuous improvement projects. Learn basic problem-solving and analytical tools associated with the DMAIC process, team leadership, and project management techniques. Certification also available. Available in 6 languages.

Learning Objectives:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five-step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques within the DMAIC model.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

Requirements:

This course has no prerequisites.

Lean Six Sigma Green Belt – Cont'd

Course Description

Course Outline:

SESSION 1: Introduction to Lean Six Sigma	4.45 HOURS
SESSION 2: Define I - Starting a Project and Leading Teams	6.95 HOURS
SESSION 3: Define II - Voice of the Customer	5.95 HOURS
SESSION 4: Define III - Mapping the Process	5.40 HOURS
SESSION 5: Measure I - Measurements and Basic Statistics	6.00 HOURS
SESSION 6: Measure II - Measurement System Analysis	8.55 HOURS
SESSION 7: Measure III - Charting Process Behavior	10.25 HOURS
SESSION 8: Analyze I - Identifying Potential Root Causes	8.20 HOURS
SESSION 9: Analyze II - Hypothesis Testing	10.90 HOURS
SESSION 10: Improve	11.45 HOURS
SESSION 11: Control	5.65 HOURS
	TOTAL: 83.75 HOURS

Lean Six Sigma Transactional Green Belt

Course Description

CEUs: 7.4

Overview:

Lean Six Sigma - it's not just for manufacturing! This Green Belt level course includes only the tools that are most important to transactional settings, team leadership, and project management skills. There is more time spent on practice in this course than in our standard Green Belt course.

Learning Objectives:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes, with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques within the DMAIC model.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

Requirements:

This course has no prerequisites.

Lean Six Sigma Transactional Green Belt – Cont'd

Course Description

Course Outline:

SESSION 1: Introduction to Lean Six Sigma	4.45 HOURS
SESSION 2: Define I - Starting a Project and Leading Teams	6.95 HOURS
SESSION 3: Define II - Voice of the Customer	5.95 HOURS
SESSION 4: Define III - Mapping the Process	5.40 HOURS
SESSION 5: Measure I - Measurements and Basic Statistics	6.00 HOURS
SESSION 6: Measure II - Measurement System Analysis	6.45 HOURS
SESSION 7: Measure III - Charting Process Behavior	6.80 HOURS
SESSION 8: Analyze I - Identifying Potential Root Causes	6.45 HOURS
SESSION 9: Analyze II - Hypothesis Testing	10.90 HOURS
SESSION 10: Improve	9.75 HOURS
SESSION 11: Control	4.45 HOURS
TOTAL:	**73.55 HOURS**

Charting Process Behavior

Course Description

CEUs: 1.4

Overview:

This Charting Process Behavior course provides the necessary tools to chart and understand process behavior over time. The body of knowledge covered by this course of study is also known as Statistical Process Control (SPC) and Statistical Quality Control (SQC). The course follows a traditional process improvement format to show how and when you would apply SPC tools. It does not assume prior Lean Six Sigma knowledge.

Learning Objectives:

- Use control charts to monitor process performance.
- Identify common cause and special cause sources of variation in a control chart.
- Evaluate process performance over time using a trend chart.
- Use a histogram to show the relative frequency of observations within categories of your data.
- Develop a sub-grouping strategy.
- Construct and interpret SPC charts for attribute data.
- Perform a process capability analysis.

Requirements:

This course has no prerequisites.

Course Outline:

SESSION 1: Charting Process Behavior **TOTAL 14.2 HOURS**

- Course Introduction
- The Six Sigma Improvement Process
- Measurement & Metrics
- Trend Chart (Run Chart) Toolset
- Histogram Toolset
- Quantifying Process Variability
- SPC - Introduction and Background
- SPC - Introduction to Control Charts
- SPC - Control Chart Limits
- Implementing SPC
- SPC Chart Selection
- Rational Subgrouping Toolset
- X and Moving Range Charts - Toolset
- Transformation for Control Charts
- Attribute Control Chart Toolset
- X-bar and R Chart Toolset
- SPC Using Stage Variables
- Control Chart Case Study - Chart Noir
- The Normal Distribution
- Process Capability Toolset
- Advanced SPC Charts I
- Advanced SPC Charts II

Lean Six Sigma Black Belt

Course Description

CEUs: 13.7

Overview:

Team leader, statistical analyst, and project manager all rolled into one. Master this diverse set of soft and hard skills so that you can quickly lead critical projects to successful completion. Practice qualitative and quantitative analysis tools, including design of experiments. Certification also available. Offered in 3 languages.

Learning Objectives:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five-step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques within the DMAIC model, including Design of Experiments and Lean Methods.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Lean Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

Requirements:

This course has no prerequisites.

Lean Six Sigma Black Belt – Cont'd

Course Description

Course Outline:

SESSION 1: Introduction To Lean Six Sigma	4.75 HOURS
SESSION 2: Define I - Starting A Project and Leading Teams	8.80 HOURS
SESSION 3: Define II - Voice of the Customer	7.45 HOURS
SESSION 4: Define III - Mapping the Process	5.40 HOURS
SESSION 5: Measure I - Measurements and Basic Statistics	6.00 HOURS
SESSION 6: Measure II - Measurement System Analysis	8.55 HOURS
SESSION 7: Measure III - Charting Process Behavior	10.50 HOURS
SESSION 8: Analyze I - Identifying Potential Root Causes	11.65 HOURS
SESSION 9: Analyze II - Hypothesis Testing	22.40 HOURS
SESSION 10: Analyze III - Design of Experiments	32.40 HOURS
SESSION 11: Improve	12.35 HOURS
SESSION 12: Control	6.70 HOURS
TOTAL:	**136.95 HOURS**

Kaizen Leader

Course Description

CEUs: 2.2

Overview:

This course will teach you how to plan and lead a Kaizen Event effectively. You will also learn how to employ a new group of problem-solving skills, tools, and methods that will allow you to improve process results by identifying and eliminating process waste at the source.

The course is aligns a collection of lean tools within the framework of a weeklong Kaizen Event and its day-by-day activities. Please recognize that no tool is locked rigidly into any time schedule - a given tool should be used whenever it is required to answer the question at hand.

Learning Objectives:

- Demonstrate mastery of Lean methods.
- Think critically about the problem to be solved and plan an appropriate scope for a kaizen event.
- Organize and execute a successful Kaizen event.
- Communicate expectations and outcomes of the Kaizen event to primary stakeholders.
- Effectively motivate and lead teams, especially in a tight timeframe.
- Catalyze the change using learned change management skills.

Requirements:

This course has no prerequisites.

Course Outline:

SESSION 1: Introduction to Kaizen	2.85 HOURS
SESSION 2: Pre-Event Planning	5.00 HOURS
SESSION 3: Kaizen Day 1: Understanding the Current State	3.80 HOURS
SESSION 4: Kaizen Day 2: Root Causes and Solutions	2.80 HOURS
SESSION 5: Kaizen Days 3 and 4: Implementing Change	5.00 HOURS
SESSION 6: Kaizen Day 5: Project Close and Follow-up	2.70 HOURS
TOTAL:	**22.15 HOURS**

Lean Six Sigma Champion

Course Description

CEUs: 1.9

Overview:

The Champion's role on a process improvement project is to remove barriers to project success and ensure project teams have the organizational support they need to be effective. This course provides you with a high-level understanding of what Belts and project teams do, tools for project selection and management, and guidance on leading teams and leading change.

Learning Objectives:

- Communicate using Six Sigma concepts.
- Relate Six Sigma concepts to the overall business objective.
- Accept the need to improve company performance to meet the requirements of the marketplace.
- Think about your work as a process, with inputs that determine the output.
- Calculate the Sigma Level for a process or organization.
- Use the five-step DMAIC model to improve processes.
- Use Value Stream concepts to scope the project landscape.
- Construct a Process Map that identifies all of the steps of a process.
- Systematically identify projects to close performance gaps.
- Develop effective project charters and formulate a plan for project execution.
- Recognize and manage process/project stakeholders.
- Practice and communicate positive leadership characteristics.
- Develop and lead effective teams.
- Recognize and manage team dynamics.

Requirements:

This course has no prerequisites.

Course Outline:

SESSION 1: Introduction to Lean Six Sigma	4.65 HOURS
SESSION 2: The Champion Role	8.40 HOURS
SESSION 3: Leading Teams	5.85 HOURS
	TOTAL: 18.90 HOURS

Lean IT Essentials For Leaders and Teams

Course Description

CEUs: 1.6

Overview:

This course is designed to help your organization become the next success story in applying the principles of Lean in the IT space. The overarching learning objective of this course is to gain a foundational understanding of how the tools and behaviors associated with Lean methodology can translate to the IT space in areas such as software development, operations, infrastructure, and project management. The lessons in the course span best practices in Lean-oriented problem solving forfront-line IT employees and middle- to upper-level leaders whose work spans functional silos.

Learning Objectives:

- Recognize the value of Lean tools and behaviors in the IT space to support and enhance, not replace, existing systems such as Agile and DevOps.
- Apply a Lean-oriented, value stream perspective to the role of IT in your organization that aligns purpose and processes to creating customer value.
- Identify opportunities for measurable, customer-focused process improvement using Lean tools such as the affinity diagram, CTQC tree, root-cause analysis toolset, and A3 report.
- Deploy the PDCA problem-solving framework to test, evaluate, and recalibrate process improvement measures, leveraging visual management and standard work.
- Reflect on success and struggles in the problem-solving cycle to sustain momentum.

Course Outline:

SESSION 1: Customer Value	3.65 HOURS
SESSION 2: Value Stream	2.55 HOURS
SESSION 3: Continuous Improvement	4.25 HOURS
SESSION 4: Management Systems	2.95 HOURS
	TOTAL: 13.40 HOURS

Fundamentals of Project Management

Course Description

CEUs: 1.5

Overview:

Learn the fundamental skills, techniques, and methods necessary to plan and lead a complex project to successful completion. This course comprises multiple sessions that follow the Project Management Body of Knowledge defined by the Project Management Institute.

Learning Objectives:

- Communicate using Project Management concepts and terminology.
- Characterize the work of your organization as project, operation, or activity.
- Evaluate the impact of your organization's structure on project execution.
- Consider the need for a Project Management Office within your organization.
- Select, charter, and start Projects.
- Assess and review Projects.
- Close Projects.
- Employ your Project Management skills to lead a successful project.

Requirements:

This course has no prerequisites.

Course Outline:

SESSION 1: Introduction to Production Management	1.80 HOURS
SESSION 2: Initiating a Project	3.15 HOURS
SESSION 3: Planning a Project	2.10 HOURS
SESSION 4: Executing a Project	4.20 HOURS
SESSION 5: Monitoring and Controlling a Project	2.30 HOURS
SESSION 6: Closing a Project	1.65 HOURS
	TOTAL: 15.20 HOURS

Design for Lean Six Sigma - Product

Course Description

CEUs: 3.5

Overview:

Develop products and services that meet your customers' requirements in a timely, cost-effective manner. Design for Lean Six Sigma (DfLSS) is a set of best practices and tools which can integrate into a product or service development process to help products and services meet Six Sigma levels of quality.

Learning Objectives:

- Communicate using Design for Six Sigma concepts.
- Identify areas within your existing development process where DFSS is needed.
- Integrate DFSS into your existing development process.
- Select optimal product or process design concepts.
- Use analytical and experimental methods to develop robust and reliable designs.
- Modify designs for optimal performance based on the variability of the inputs and desired outputs.
- Verify that the designs meet the requirements at the desired level of performance.
- Employ your DFSS skills to lead a successful development project delivering meaningful results to the organization.

Requirements:

This course assumes that you have already mastered at least the Lean Six Sigma Black Belt body of knowledge, specifically Measurement System Analysis, Multiple Regression Analysis, and basic Design of Experiments (DOE).

Course Outline:

SESSION 1: Introduction to DFSS	3.80 HOURS
SESSION 2: Define	5.75 HOURS
SESSION 3: Concept	5.35 HOURS
SESSION 4: Design	5.85 HOURS
SESSION 5: Optimize	10.30 HOURS
SESSION 6: Verify	4.20 HOURS
TOTAL:	**35.25 HOURS**

Design for Six Sigma - Process / Service

Course Description

CEUs: 4.5

Overview:

Design for Six Sigma (DFSS) is not a methodology in and of itself. Rather, DFSS is a set of best practices and tools that, when integrated into a product/service development process, increases your organization's ability to meet your customers' requirements in a timely, cost-effective manner.

Learning Objectives:

- Communicate using Design for Lean Six Sigma concepts and language.
- Identify unsolved problems or projects that warrant a design solution.
- Integrate these concepts into your existing design/development process.
- Gather and analyze the voice of the customer to define stated and unstated requirements.
- Select optimal product or process design concepts.
- Use analytical and experimental methods to develop robust and reliable designs.
- Modify designs for optimal performance based on the variability of the inputs and desired outputs.
- Verify that the designs meet the requirements at the desired level of performance.
- Employ your Design for Lean Six Sigma skills to lead a successful development project delivering meaningful results to the organization.

Requirements:

This course assumes that you have previously mastered at least the Six Sigma Green Belt body of knowledge, specifically Measurement System Analysis and Multiple Regression Analysis.

Course Outline:

SESSION 1: Introduction to Process Design Excellence	3.60 HOURS
SESSION 2: Define: Understanding the Voice of the Customer	6.25 HOURS
SESSION 3: Concept: Divergent Thinking	2.55 HOURS
SESSION 4: Analytics for Design I: Statistics and Process Capability	7.40 HOURS
SESSION 5: Analytics for Design II: Statistical Testing	9.15 HOURS
SESSION 6: Design: Converging on a Solution	3.40 HOURS
SESSION 7: Optimize: Fine-Tuning the Design Solution	9.40 HOURS
SESSION 8: Verify: Validating New Design Performance	3.45 HOURS
	TOTAL: 45.20 HOURS

Agile Process Design

Course Description

CEUs: 3.7

Overview:

Develop new or revised process designs that meet your customers' performance requirements. This course blends the best methods from Design for Lean Six Sigma (DfLSS), Agile Software Development, Lean Startup, and Design Thinking into a practical and effective approach driven by virtual process prototyping.

Learning Objectives:

- Communicate using Agile Process Design concepts and language.
- Identify areas within your existing development process where Agile Process Design is needed.
- Identify, collect, sort, and translate voice of the customer data into a set of requirements.
- Generate and then select optimal product or process design concepts.
- Use process simulation methods to develop robust, reliable designs through virtual prototyping.
- Modify process designs for optimal performance based on virtual experimentation and stress-testing process parameters.
- Verify that the process designs meet the requirements at the desired level of performance.
- Employ your Agile Process Design skills to lead a successful development project delivering meaningful results to the organization.

Requirements:

This course assumes that you have previously mastered the Six Sigma Green Belt body of knowledge.

Course Outline:

SESSION 1: Introduction to Agile Process Design	3.85 HOURS
SESSION 2: Initiating a Project and Leading Teams	4.40 HOURS
SESSION 3: Define	6.25 HOURS
SESSION 4: Concept	2.25 HOURS
SESSION 5: Design	4.75 HOURS
SESSION 6: Virtual Prototyping with Process Playground	4.60 HOURS
SESSION 7: Optimize	2.95 HOURS
SESSION 8: Verify	2.30 HOURS
	TOTAL: 31.35 HOURS

Training Simulation Descriptions

Inbox

Simulation Description

Overview:

InBox is unique because it employs an email-based work process, providing first-hand experience with Lean Office concepts where the workflow is essentially invisible.

Time to Complete: 6-8 Hours

Number of Participants: Groups of 7-15

Target Audience:

Lean Teams, Kaizen Leaders, Champions, Yellow Belt, Green Belt, Black Belt

Key Concepts:

- Takt Time
- Work-in-Process (WIP)
- 8 Wastes VSM
- Error-Proofing
- Line Balancing
- Standard Work
- Little's Law
- Theory of Constraints (TOC)
- Visual Management
- Basic Data Analysis
- Process Mapping

Materials:

Computer and internet access. A whiteboard or software such as Mural for mapping the process and working collaboratively through analysis and improvements is beneficial but not required.

More Details:

https://www.moresteam.com/simulations/inbox

Sherlock Holmes Zombie Hunter

Simulation Description

Overview:

Zombie Hunter is a simulated DMAIC project designed to mimic the ambiguity of real-world projects that Yellow Belts and Green Belts encounter. Because it is designed with alternate decision pathways, the challenge is not a prescriptive walk-through of Lean Six Sigma tools. Teams must work through all the phases of DMAIC and decide how to collect and analyze data, implement improvements, and develop control strategies, all while minimizing project expenses and cycle time.

Time to Complete: 6-8 Hours

Number of Participants: Groups of 2-3

Target Audience:

Yellow and Transactional Green Belt

Key Concepts:

- SIPOC
- Process Flow
- CTQCs
- XmR Chart
- MSA
- Sigma Level
- Root Cause Analysis
- Solution Selection
- Error-Proofing
- Control Plan

Materials:

Computer and internet access

More Details:

https://www.moresteam.com/simulations/sherlock-holmes

Sigmabrew DMAIC

Simulation Description

Overview:

SigmaBrew is a simulated DMAIC project designed to mimic the ambiguity of real-world projects that Green Belts and Black Belts encounter. Because it is designed with alternate decision pathways, the challenge is not a prescriptive walk-through of Lean Six Sigma tools. Teams must work through all the phases of DMAIC and decide how to collect and analyze data, implement improvements, and develop control strategies, all while minimizing project expenses and cycle time.

Time to Complete: 16-24 Hours

Number of Participants: Groups of 2-3

Target Audience:

Green Belts and Black Belts

Key Concepts:

- Process Mapping
- CTQCs
- XmR Chart
- MSA
- Process Capability
- Sigma Level
- VSM
- Hypothesis Tests
- Multiple Regression
- Root Cause Analysis
- Solution Selection
- Piloting
- Error-Proofing
- Control Plan

Materials:

Computer and internet access

More Details:

https://www.moresteam.com/simulations/sigmabrew

St. Sigma Teaching Lab

Simulation Description

Overview:

St. Sigma is a 'Virtual Gemba' that provides a data-rich, simulated teaching environment where students can learn to apply Lean Six Sigma tools and techniques. Instructors use the simulation to lead students through the phases of a DMAIC project. Guiding students' critical thinking with the Question > Action > Answer cycle of learning, St. Sigma demonstrates how the outputs of various analytical tools are linked and used across the project phases.

Time to Complete: Flexible

Number of Participants: No limit

Target Audience:

Any audience

Key Concepts:

- Process Mapping
- CTQCs
- MSA
- Takt Time
- Process Capability
- Root Cause Analysis
- Balance Capacity
- Solution Selection
- Corrective Action Plan
- Control Plan

Materials:

Computer and internet access

More Details:

https://www.moresteam.com/simulations/st-sigma

Tollgate Adventure

Simulation Description

Overview:

Tollgate Adventure was designed to provide guided practice for Lean Six Sigma Project Sponsors and Champions in leading a series of project tollgate reviews. The role-play emphasizes the critical thinking required by sponsors and champions to reinforce critical thinking in project teams. This simulation builds participants' confidence in knowing what must be done during the tollgate process and how it to carry it out. Participants practice how to ask good, open-ended questions - rather than making evaluative statements - to demonstrate behaviors consistent with a continuous improvement culture.

Time to Complete: 2-4 Hours

Number of Participants: Individuals

Target Audience:

Any audience

Key Concepts:

- Conducting a Project Tollgate Review
- Confidence in Asking the Right Questions
- Helping Teams Overcome Obstacles
- Understanding the Role of Leadership in Project Execution

Materials:

Computer and internet access

More Details:

https://media.moresteam.com/main/downloads/overview-tollgate.pdf

Pricing

Online Course Pricing

Each course is priced for an individual license. Minimum purchase amount is $2,000. There is no minimum or maximum enrollment limit.

Course Title	Est. Course Length	Price
Lean Six Sigma Yellow Belt	27 hours	$366.50
Lean Six Sigma Green Belt	82 hours	$928.46
Lean Six Sigma Black Belt	140 hours	$1,468.01
Lean Six Sigma Overview	4 hours	$97.73
Lean Six Sigma Champion	18 hours	$146.60
Charting Process Behavior	12 hours	$195.47
Lean Six Sigma Transactional Green Belt	70 hours	$830.73
Agile Process Design	37 hours	$877.15
Design for Lean Six Sigma	46 hours	$1,099.50
Design for Six Sigma - Process / Service	37 hours	$904.03
Fundamentals of Project Management	16 hours	$219.90
Lean IT Essentials for Leaders and Teams	16 hours	317.63
Kaizen Leader	22 hours	$366.50

Simulation Pricing

Course Title	Course Length	Minimum Participants	Maximum Participants	Price
Inbox	6-8 hours	8	16	1-5 instances = $1,221.67 each 6-10 instances = $977.33 each
Sigma Brew DMAIC	N/A	1 team of 2-3 individuals	3 teams	1-24 teams = $293.20 per team 25+ teams = $268.77 per team
Sherlock Holmes Zombie Hunter	6-8 hours	1 team of 2-3 individuals	3 teams	$146.60 per team
St. Sigma Teaching Lab	Varies	1	Unlimited	With Instructor = $366.50 each Annual unlimited license = $1,466.00
Tollgate Adventure	2-4 hours	1	Unlimited	$46.42

Facilitation & Training Pricing

Service Title	Unit of Issue	Unit	Price
Lean Six Sigma Master Black Belt	Daily	1	$2,015.11
Senior Lean Six Sigma Master Black Belt	Daily	1	$2,518.89

Appendix

Detailed Course Outline Links

FUNDAMENTALS

Lean Six Sigma Overview
https://media.moresteam.com/course-outline/6.html

Lean Six Sigma Yellow Belt
https://media.moresteam.com/course-outline/1700.html

INTERMEDIATE

Lean Six Sigma Green Belt
https://media.moresteam.com/course-outline/1800.html

Transactional LSS Green Belt
https://media.moresteam.com/course-outline/1830.html

Charting Process Behavior
https://media.moresteam.com/course-outline/1000.html

ADVANCED

Lean Six Sigma Black Belt
https://media.moresteam.com/course-outline/1900.html

Detailed Course Outline Links - Con’t

LEADERSHIP

Kaizen Leader
https://media.moresteam.com/course-outline/871.html

Lean Six Sigma Champion
https://media.moresteam.com/course-outline/50.html

Lean IT Essentials for Leaders and Teams
https://media.moresteam.com/course-outline/471.html

Fundamentals of Project Management
https://media.moresteam.com/course-outline/248.html

DESIGN

Design for Lean Six Sigma
https://media.moresteam.com/course-outline/546.html

Design for Six Sigma - Process/Service
https://media.moresteam.com/course-outline/175.html

Agile Process Design
https://media.moresteam.com/course-outline/890.html

Detailed Simulation Overview PDFs

SIMULATIONS

Inbox
https://media.moresteam.com/main/downloads/overview-sigmabrew-inbox.pdf

Sigmabrew DMAIC
https://media.moresteam.com/main/downloads/overview-sigmabrew-dmaic.pdf

Sherlock Holmes Zombie Hunter
https://media.moresteam.com/main/downloads/overview-zombie-hunter.pdf

St. Sigma Teaching Lab
https://media.moresteam.com/main/downloads/overview-st-sigma.pdf

Tollgate Adventure
https://media.moresteam.com/main/downloads/overview-tollgate.pdf