

LEAN SIX SIGMA (ZLSS)

ZLSS-1003 Lean Six Sigma: Green Belt to Black Belt 8 CEU's

Upon successful completion of this course, participants will be certified as Lean Six Sigma Black Belts. Black Belts are trained experts in Lean, Six Sigma and statistical process control techniques. The LSS Black Belt course teaches the effective use of DMAIC principles needed to improve business processes as well as Lean tools to reduce waste and increase productivity. Participants will gain the necessary tools to lead cross-functional project teams through implementation. This course uses MINITAB statistical software for all project calculations. The course uses MINITAB statistical software for all project calculations; participants should bring their own laptops to download the provided software.

Contact hours: 80

Not financial aid eligible.

ZLSS-1010 Lean and the Supply Chain 0.8 CEU's

This hands-on workshop provides participants with an understanding of problem solving tools and develops a consistent approach to applying them in their daily work. Upon initial explanation of individual tools, the Instructor will facilitate the class through their implementation to real world examples.

Contact hours: 8

Not financial aid eligible.

ZLSS-1027 Lean Six Sigma Green Belt for Healthcare - Comprehensive 6.8 CEU's

This course is customized to meet the unique needs of current and future health care professionals. Upon successful completion, participants will be certified as Lean Six Sigma Green Belts in Healthcare. Green Belts in Healthcare work directly with cross-functional project leaders to carry out identified improvement projects using LSS methodologies within a health care organization. Green Belts can implement all of the appropriate tools to lead independent local projects when necessary. This course contains both Yellow and Green Belt content.

Contact hours: 68

Not financial aid eligible.

ZLSS-1032 Lean Six Sigma: Yellow Belt 2.6 CEU's

Lean Six Sigma Yellow Belt training is ideal for all individuals within an organization. Yellow Belts are familiar with the Lean Six Sigma methodologies and tools necessary to identify opportunities for eliminating waste, reducing costs and improving processes, and they have the skills to represent individual departments or organizations as active members on LSS project teams. This blended-learning course includes two in-class sessions that incorporate hands-on activities and discussion. Lunch is provided for both in-class sessions.

Contact hours: 26

Not financial aid eligible.

ZLSS-1033 Lean Six Sigma: Yellow Belt to Green Belt 3.8 CEU's

Upon successful completion of this course, participants will be certified as Lean Six Sigma Green Belts. Green Belts work directly with cross-functional project leaders to carry out identified improvement projects using LSS methodologies and can implement the appropriate tools to lead independent local projects when necessary. This course uses QI Macros software; participants should bring their own laptops to download the provided software.

Contact hours: 38

Not financial aid eligible.

ZLSS-1063 Lean Essentials Boot Camp Basics (Manufacturing) 0.8 CEU's

This course teaches the foundations and ideology behind Lean methods and how they integrate within organizations to achieve process improvement. Upon completion, participants will have a firm understanding of what Lean is and how it can benefit organizations. Basic Lean tools such as 8 Wastes, 5S and Kaizen events are also covered.

Contact hours: 8

Not financial aid eligible.

ZLSS-1073 Lean Six Sigma Yellow Belt for Health Care 2.6 CEU's

Lean Six Sigma Yellow Belt for Health Care is ideal for all individuals working within a health care environment. Yellow Belts are familiar with Lean Six Sigma methodologies and the tools necessary to identify opportunities for eliminating waste, reducing costs and improving processes. This blended-learning course will give you the skills needed to represent individual departments or organizations as an active member on Lean Six Sigma project teams.

Contact hours: 26

Not financial aid eligible.

ZLSS-1077 Lean for Education: Introduction (Online) 0.4 CEU's

Begin with the fundamentals of Lean for Education to understand how Lean principles can be applied to education. In the Lean for Education series, participants will learn the tools necessary to identify and remove waste from a process, sustain the gains made and improve the operation and safety of their organization.

Contact hours: 4

Not financial aid eligible.

ZLSS-1078 Lean for Education: Comprehensive (Online) 0.8 CEU's

Gain a more comprehensive understanding of how to apply process improvement methodology in the education environment. This online course combines introductory topics with additional Lean modules to take your process improvement implementation one step further. Discover how to make the most of Lean methodologies and tools to help your organization see rapid improvements to process flow while eliminating waste.

Contact hours: 8

Not financial aid eligible.

ZLSS-1081 Problem-Solving (Blended learning)

2 CEU's

Problem-solving is a critical skill for any professional in today's business environment. Successful problem-solvers use innovation and creativity, along with powerful tools, to understand a problem and get to the true root causes. This blended learning course combines online modules with in-person classroom sessions to help participants enhance their problem-solving effectiveness by applying creative thinking, logic and analysis to product- and process-related problems.

Contact hours: 20

Not financial aid eligible.

ZLSS-1090 Lean Six Sigma Yellow Belt for Education

2.6 CEU's

This blended learning course is ideal for all individuals within an education environment who wish to become familiar with Lean Six Sigma methodologies and the tools necessary to identify opportunities for eliminating waste, reducing costs and improving processes. Yellow Belts have the skills to represent individual departments or organizations as active members on Lean Six Sigma project teams.

Contact hours: 26

Not financial aid eligible.

ZLSS-1096 Lean Essentials for Healthcare: Foundational Skills (Online)

1.2 CEU's

Process excellence is achieved through understanding, engagement, skills, behaviors, processes and results. Our Lean/Process Improvement curriculum accelerates your drive to peak performance by preparing everyone to contribute to your success and ROI. This interactive, self-paced online course helps you transform culture by enabling you to engage, develop consistent competencies and improve project results while providing the foundational skills of Lean. Learn about Lean and the foundational techniques for Lean, including Eight Wastes, Flow/Pull, Kaizen events and process mapping.

Contact hours: 12

Not financial aid eligible.

ZLSS-1097 Eight Disciplines (8D) Problem-Solving Team Approach

1.2 CEU's

The 8 Disciplines (8D) problem-solving model was implemented by Ford in the 1980s as part of its Team Oriented Problem Solving (TOPS) program. 8D is a robust and structured approach to identifying, correcting and eliminating recurring problems. Though it originated in the automotive sector, it can be applied to any industry. This course provides an overview of the formalized 8D problem-solving approach, utilizing the most frequently used techniques. Students will learn how to select the techniques that work best for different types of problems. Practical exercises will show students how to use the techniques effectively and become a culture of thinkers. 8D provides team synergy and offers strategies to identify the root cause and implement containment actions as well as corrective and preventive action plans to get rid of the problem.

Contact hours: 12

Not financial aid eligible.

ZLSS-1101 Breakfast Series: Kick-Starting 5S Into Sustainability

0.25 CEU's

Kick-Starting 5S Into Sustainability - This breakfast seminar provides high-quality professional learning for continuous improvement/quality personnel from all sectors. Session includes continental breakfast and a two-hour workshop. Network with your peers as you discover new ways to improve your business.

Contact hours: 2.5

Not financial aid eligible.

ZLSS-1102 Breakfast Series: A3 Problem-Solving

0.25 CEU's

A3 Problem-Solving - This breakfast seminar provides high-quality professional learning for continuous improvement/quality personnel from all sectors. Session includes continental breakfast and a two-hour workshop. Network with your peers as you discover new ways to improve your business.

Contact hours: 2.5

Not financial aid eligible.

ZLSS-1103 Breakfast Series: Process Mapping

0.25 CEU's

Process Mapping - This breakfast seminar provides high-quality professional learning for continuous improvement/quality personnel from all sectors. Session includes continental breakfast and a two-hour workshop. Network with your peers as you discover new ways to improve your business.

Contact hours: 2.5

Not financial aid eligible.

ZLSS-1104 Breakfast Series: Guidelines for Deployment: What It Takes

0.25 CEU's

Guidelines for Deployment: What It Takes - This breakfast seminar provides high-quality professional learning for continuous improvement/quality personnel from all sectors. Session includes continental breakfast and a two-hour workshop. Network with your peers as you discover new ways to improve your business.

Contact hours: 2.5

Not financial aid eligible.

ZLSS-1106 Good Documentation Practices (GDP)

0.4 CEU's

Designed to lay the foundation for Good Documentation Practices (GDP), this course provides participants with the knowledge and tools needed to bring GDP to their organizations. Participants will learn best practices involved with GDP and how to apply those techniques in written and digital settings. Real-world examples and activities will further cement the retention of knowledge gleaned in this course.

Contact hours: 4

Not financial aid eligible.

**ZLSS-1107 Quality and Continuous Improvement Introduction
0.4 CEU's**

This course introduces participants to the principles of Continuous Improvement, Lean Six Sigma and Quality — all of which are key tools in the mitigation of process-related issues. Participants will learn about the 7 Wastes and other basic quality methods, the benefits that continuous improvement can bring to their organization, and how to leverage a team approach to solving work problems. An interactive, activity-based learning environment allows participants to practice using the key tools and teaching points covered in this course.

Contact hours: 4

Not financial aid eligible.

**ZLSS-1109 Building Process Excellence
0.4 CEU's**

Great companies use great systems to achieve their highest goals. Effective leaders understand how quality systems work and the importance of improving processes for successful and reliable results. In this course, participants will discover how to turn good processes into great processes, measure and track outcomes, and enable predictable results that endure beyond the leader.

Contact hours: 4

Not financial aid eligible.

**ZLSS-1112 Lean Essentials for Manufacturing: Foundational Skills
(Online)
1.2 CEU's**

Process Excellence is achieved through understanding, engagement, skills, behaviors, processes and results. Our Lean/Process Improvement curriculum accelerates your drive to peak performance by preparing everyone to contribute to your success and ROI. This interactive, self-paced online course helps you transform culture by enabling you to engage, develop consistent competencies and improve project results while providing the Foundational Skills of Lean. Learn about Lean and its foundational techniques, including 5S, 8 Wastes, Flow/Pull, Kaizen events and process mapping.

Contact hours: 12

Not financial aid eligible.

**ZLSS-1113 Practical Problem-Solving
0.4 CEU's**

Problem-solving is a critical skill for managers in today's business environment. Successful problem solvers use innovation and creativity along with powerful tools to understand a problem and get to the true root cause. In this session, participants will learn to apply tools to determine the root cause and find effective solutions. The course will also teach participants the best ways to facilitate team problem-solving.

Contact hours: 4

Not financial aid eligible.

**ZLSS-1114 Introduction to Six Sigma (Online)
0.8 CEU's**

This Six Sigma introduction course provides an overview of the movement itself, as well as some DMAIC, control and causal methodologies.

Contact hours: 8

Not financial aid eligible.

**ZLSS-1115 Six Sigma Black Belt Certification Prep (ASQ CSSBB) (Online)
13 CEU's**

The Six Sigma Management System has evolved into an integration of business best practices that unleashes the power of the Six Sigma tools and methods to foster focused execution and breakthrough improvements. Using the Six Sigma Management System as the overall context for driving business improvement, this course provides unique insight for Black Belts, Six Sigma leaders and all Six Sigma practitioners on how to apply a wide variety of tools and methods.

Contact hours: 130

Not financial aid eligible.

**ZLSS-1117 Introduction to Lean for Product Development
0.8 CEU's**

This hands-on workshop explains the basic principles of lean that apply to non-manufacturing processes such as new product development and R&D. Learn how lean can be applied to R&D to start a lean initiative. Learn how to identify the most important components of a lean innovation process, and where to focus for NPI and R&D. This workshop examines the five stages of the Goodyear Wheel, which represents a proven path for starting and improving a lean initiative.

Contact hours: 8

Not financial aid eligible.

**ZLSS-1119 Using Lean to be More Innovative: Lean-Driven Innovation
0.8 CEU's**

Although lean has found widespread application in manufacturing and services, there have been very few sustained implementations in R&D, and even less in the innovation process. Goodyear and many other innovative companies have proven that the benefits of applying lean principles to innovation or R&D — even at the front end of the innovation cycle — can be much higher than what has been accomplished in traditional applications, such as manufacturing and services. Benefits include greater agility, more successful new products, better delivery and much faster speed to market. This workshop is for leaders and practitioners seeking to work more innovatively. Building on the principles of lean product development and lean startups, the program provides a comprehensive framework that helps leaders and organizations figure out what to do, and how to do it, every day.

Contact hours: 8

Not financial aid eligible.

**ZLSS-1120 Advanced Lean for Product Development
0.8 CEU's**

This workshop examines the five stages of the "Goodyear Wheel," which represents a proven path for starting and/or improving a lean initiative. Identification of customer value and waste. Understanding the value stream through gemba observations. Application of flow methods to create a stable and faster process. Application of pull techniques (e.g., kanban) and standardization. Continuous improvement of the lean process and striving for perfection. The workshop also addresses other lean concepts related to lean product and process development and subjects such as organization forms and knowledge management.

Contact hours: 8

Not financial aid eligible.

ZLSS-1122 Minitab Refresher for Lean Six Sigma Green Belts
0.4 CEU's

Haven't used your Green Belt skill sets in some time? Need to brush up on your Green Belt skills and knowledge, Minitab or QI Macros? Preparing to enroll in a Black Belt course and need a refresher? Brush up your knowledge and application skills in this one-day refresher course that covers the basic Green Belt tools and concepts needed for an effective project. This course is designed for Lean Six Sigma Green Belts and Continuous Improvement Professionals with knowledge of statistical tools and methods. Note: This is not a certification course.

Contact hours: 4

Not financial aid eligible.

ZLSS-1124 Introduction to Agile Project Management
0.8 CEU's

This course provides an introduction to Agile Program Management and PMI Program Management standards. Participants will learn how to manage a program using Agile principles and discover how Agile activities and techniques are used to implement Project Management Body of Knowledge (PMBOK) processes. The course ends with exercises in managing project scenarios based upon program results.

Contact hours: 8

Not financial aid eligible.

ZLSS-1125 Introduction to Scrum
0.8 CEU's

Get practical experience in Agile project management. Review the basics of Agile Scrum practices and understand how to complete an agile project. Course begins with the history of agile development and ends with a review of the specific behaviors expected of an Agile ScrumMaster.

Participants are encouraged to submit a description of a project they wish to use for comparison to an agile project. Upon completion of this course, participants will be able to provide a basic overview of Agile Scrum that includes roles, basic practices, comparisons to waterfall development and basic scrum techniques.

Contact hours: 8

Not financial aid eligible.

ZLSS-1126 PMI Agile Certification Prep (PMI-ACP) with Scrum@Scale
2.4 CEU's

Learn how Agile Project Management meets the standards of the PMI Project Management Body of Knowledge (PMBOK), beginning with an introduction to PMBOK standards and descriptions of the agile activities and techniques used to implement PMBOK processes. This course prepares participants for the PMP exam as well as the Scrum@Scale certification exam. Note: This course satisfies the 35-hour requirement for the PMP exam as well as the Scrum Alliance and Scrum@Scale requirements for the Scrum@Scale exam (issued to participants at the end of the course).

Contact hours: 24

Not financial aid eligible.

ZLSS-1127 Certified ScrumMaster (CSM)
1.6 CEU's

The Certified ScrumMaster® (CSM) course is a two-day, entry-level course taught by a Certified Scrum Trainer®. The CSM course covers all the basics of Scrum so that participants can begin to fulfill the ScrumMaster role.

Contact hours: 16

Not financial aid eligible.

ZLSS-1128 Project Management Professional (PMP) Certification Exam Prep
3.5 CEU's

This course uses a proven experiential learning methodology to help participants acquire the skills, knowledge, and confidence needed to pass the PMP certification exam. Utilize and build upon your existing knowledge base and experience with skills development and focused memorization exercises. The PMBOK® Guide will be used in class as a study reference.

Contact hours: 35

Not financial aid eligible.

ZLSS-1129 Certified Associate Project Manager (CAPM) Exam Prep
2.4 CEU's

This course is intended to prepare eager, intelligent, disciplined young professionals for entry-level project management positions. The goal is to teach participants the skills and knowledge needed to obtain Certified Association Project Management (CAPM®) Certification from PMI.

The course opportunities for participants to ask questions and interact with others pursuing the same goal. CAPM certified individuals have greatly increased chances for impacting the strategic growth of their organization and building their leadership capacity.

Contact hours: 24

Not financial aid eligible.

ZLSS-1130 Celemi Cayenne for Project Success: Preparing to Kick Off a Project Simulation
0.8 CEU's

Celemi Cayenne™ is for those who want to increase staff commitment and improve alignment on a project. Participants will gain an understanding of critical success factors in project work and, by competing in teams, establish proactive behavior and effective communication among project team members.

Contact hours: 8

Not financial aid eligible.

ZLSS-1131 Introduction to Project Management
0.8 CEU's

This course teaches participants the fundamentals of project management, including key concepts, terminology and moving from project selection to project closure. Learn the differences between projects, programs and portfolios and apply project life cycles to real-world examples.

Contact hours: 8

Not financial aid eligible.

ZLSS-1132 Certified Associate in Project Management (CAPM) Exam Prep (Online)
13 CEU's

This online course provides entry-level project managers with the knowledge and skills necessary to successfully complete the Project Management Institute's nationally recognized Certified Associate in Project Management (CAPM) exam. This credential is considered the standard of excellence in the field of project management and is often a requirement for jobs in the field. This comprehensive course uses learning activities, practice exams and assignments to help students prepare for and successfully complete the CAPM exam.

Contact hours: 130

Not financial aid eligible.

ZLSS-1133 Project Management Professional (PMP) Exam Prep (Online)
13 CEU's

This online course provides experienced project managers with the knowledge and skills necessary to successfully complete the Project Management Institute's nationally recognized Project Management Professional (PMP) exam. This credential is considered the standard of excellence in the field of project management and is often a requirement for jobs in the field. This comprehensive course uses learning activities, practice exams and assignments to help students prepare for and successfully complete the PMP exam.

Contact hours: 130

Not financial aid eligible.

ZLSS-1134 Introduction to Project Management Basics (Online)
1 CEU's

This online Project Management skills training course delivers the tools, techniques and practices you need to understand projects and boost your personal value in the workplace. This training is a major step in preparing for the PMI CAPM and PMP exams.

Contact hours: 10

Not financial aid eligible.

ZLSS-1135 Fundamentals of Project Management
1.6 CEU's

This course teaches new project managers and supervisors the basic practical skills needed to successfully manage and complete a project. Learn how to apply the proper processes, techniques and tools to plan, execute, monitor and close a project. Explore the life cycle of a project, from initiation to planning to execution and closing.

Contact hours: 16

Not financial aid eligible.