



ASQ

Excellence Through Quality™

# LEAN and SIX SIGMA TRAINING

Solutions for  
Your Company  
and Your Career



[asq.org/leansixsigma](http://asq.org/leansixsigma)

# YOUR **QUALITY** DESTINATION FOR TRAINING SOLUTIONS

## **READY, SET, GO!**

Consider this ASQ Lean and Six Sigma training catalog as the quality GPS for you and your organization. Follow these directions and choose the best solutions to fill talent gaps and increase skills to overcome quality challenges.

Visit [asq.org/leansixsigma](https://asq.org/leansixsigma) to download an electronic version of this catalog.

Taught by world-class instructors who average over 25 years of quality industry experience, these ASQ training solutions accelerate your career and help your company achieve excellence through quality.

**Choose the learning format that works best for your schedule or budget!**

## Three Training Formats

### **CLASSROOM TRAINING**

Attend a scheduled class in person and learn face-to-face. Visit [asq.org/leansixsigma](http://asq.org/leansixsigma) for cities and dates.



### **E-LEARNING WEB-BASED, SELF-PACED**

Learn on your own using our web-based instruction materials. Visit [asq.org/leansixsigma](http://asq.org/leansixsigma) for details.



### **VIRTUAL TRAINING WEB-BASED, INSTRUCTOR-LED**

Attend an interactive class in real time via your internet-enabled device. Visit [asq.org/leansixsigma](http://asq.org/leansixsigma) for dates.



## Group Training

Looking to train a group of five or more? ASQ can create customized training solutions that fit your organization's needs. Our instructors provide hands-on training through onsite courses, coaching sessions, and web-based options. Visit [asq.org/training/group-training](http://asq.org/training/group-training) for more information.

# LEAN

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# SIX SIGMA

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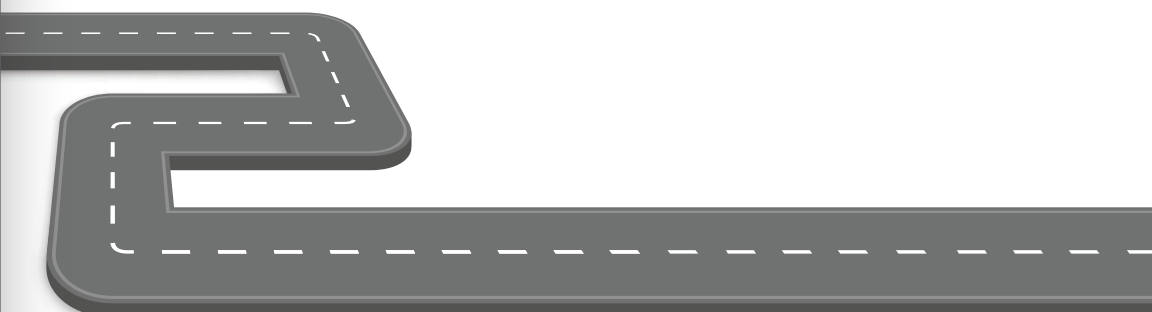
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## LEAN: THE WORD SAYS IT ALL

**Eliminate waste. Improve efficiency. Reduce excess inventory.** ASQ's LEAN training solutions optimize your company and your bottom line.

LEAN is more than just a process. LEAN is a road sign leading to opportunities for improvement. ASQ training shows you the way.

## ASQ/LEAN ENTERPRISE DIVISION COLLABORATION COURSES

The following self-paced courses are developed in collaboration with ASQ's Lean Enterprise Division. Look for instructor-led courses coming soon!



Lean Enterprise  
Division  
Excellence Through Quality™

### Introduction to Lean Principles

Gain an understanding of the benefits that lean management can bring to your organization. Learn the fundamentals of lean methodology, define the core principles, and explain the concept of waste.



CEUs/RUs: 0.05 | Length: 0.5 Hours

### 5S

Learn the purpose and benefits of the 5S methodology and how to use it to organize your workplace to create a clean, safe, orderly, high-performance work environment that promotes efficiency.



CEUs/RUs: 0.05 | Length: 0.5 Hours

### Gemba - Going to the Source

Learn about the purpose and benefits of going to gemba and explore how to analyze gemba in different situations. Discover strategies for successful use of gemba in a lean organization.



CEUs/RUs: 0.05 | Length: 0.5 Hours

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Save with early bird pricing. Visit [asq.org/leansixsigma](https://www.asq.org/leansixsigma) for links to the most up-to-date course listings, dates, locations, and pricing.



### **Kaizen**

Explore the fundamentals of kaizen including its purpose and relationship to lean. Understand and explain the benefits of kaizen improvements and describe the phases of a kaizen event.

CEUs/RUs: 0.05 | Length: 0.5 Hours



### **Problem Solving Using A3**

Support improvement initiatives with the A3 approach to problem solving—a valuable component of an organization’s lean tool set. Explore strategies for successful use of A3 to apply to improvement initiatives within an organization.

CEUs/RUs: 0.05 | Length: 0.5 Hours



### **Value Stream Mapping**

Gain knowledge of the fundamentals of value stream mapping and walk through the basics on how to create a current state and a future state value stream map.

CEUs/RUs: 0.05 | Length: 0.5 Hours



### **Lean Essentials**

**Get all these courses in one bundle and save!**

Embrace lean and become more competitive in today’s global economy. Learn to improve efficiency, increase productivity, and empower workers using lean tools. Discover key lean principles and explore how lean tools like kaizen, 5S, value stream mapping, A3, and gemba can inspire a lean mindset, reduce waste, and create value for customers.

CEUs/RUs: 0.30 | Length: 3 Hours



Classroom  
Training



Virtual  
Training



E-Learning

## OTHER LEAN COURSES

### Changeover Reduction

Learn how changeover reduction enables lean waste reduction and get a step-by-step guide to implement a successful program in your organization.



CEUs/RUs: 0.08 | Length: 0.83 Hours

### Eight Wastes

Learn how to identify waste in manufacturing and office environments and gain a competitive advantage.



CEUs/RUs: 0.04 | Length: 0.42 Hours

### Error Proofing

Not only will you learn how to “error proof” your operations, you will improve quality, and reduce failures and omissions.



CEUs/RUs: 0.03 | Length: 0.33 Hours



## Add value to your training with ASQ membership!

You’ve committed to a career in quality. You may even lead a quality team and want to improve its overall effectiveness. The pathway is yours, with ASQ’s Lean and Six Sigma training offering many avenues to success. But there are even more. Become an ASQ member to expand your network, increase opportunities for your company and team, and rise to new heights of quality success.

Visit [asq.org/membership](https://asq.org/membership) to join or renew.

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### Flow and Pull Systems

Learn how to create an effective flow of information and materials, and apply it in a manufacturing or office environment.

CEUs/RUs: 0.07 | Length: 0.67 Hours



### Lean Enterprise

Help your company remain competitive, innovative, and profitable as you develop a plan to implement lean across your organization. Employees at every level can apply these strategies to minimize waste and maximize value for customers.

CEUs/RUs: 1.40 | Length: 14 Hours



### Lean for Service

Want to reduce waste and streamline operations? Get tools to meet the demand for higher quality, faster production time, and lower prices. Understand how to apply lean to the special challenges of the service industry.

#### Classroom

CEUs/RUs: 1.20 | Length: 12 Hours



#### Virtual Training

CEUs/RUs: 1.20 | Length: 12 Hours



### Lean Kaizen: A Simplified Approach to Process Improvement

Lean eliminates waste while kaizen focuses on continuous improvement, allowing you to maximize your organization's operational efficiencies.

#### Classroom

CEUs/RUs: 0.80 | Length: 8 Hours



#### Virtual Training

CEUs/RUs: 0.80 | Length: 8 Hours



Classroom  
Training



Virtual  
Training



E-Learning

### Leading Lean



Drive lean implementation and learn how to lead a team to eliminate wasteful practices, streamline work, shorten lead times, and increase customer value and employee engagement to improve customer and employee satisfaction.

CEUs/RUs: 1.50 | Length: 15 Hours

### Standard Work



Defining standard work from a lean perspective, you will be able to implement the concepts to improve both office and manufacturing processes.

CEUs/RUs: 0.03 | Length: 0.33 Hours

### Total Productive Maintenance



Total productive maintenance helps workers efficiently care for the equipment and machines they use, helping to reduce costs and free up space tied to spare parts inventory.

CEUs/RUs: 0.04 | Length: 0.42 Hours

### Toyota Kata: Improving Your Way to Success



Toyota Kata channels and utilizes the capabilities of all its team members, allowing nontraditional, outstanding results. Learn the framework for a sustainable problem-solving culture.

CEUs/RUs: 0.70 | Length: 7 Hours

### Value Stream Mapping



Understand the fundamentals of value stream mapping (VSM) through lecture, discussion, and a case study. Learn how to prepare for a VSM event and walk through the steps of creating the process family, drawing a current state map, developing a future state map, and writing a plan to get there.

CEUs/RUs: 0.80 | Length: 8 Hours

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Save with early bird pricing. Visit [asq.org/leansixsigma](https://asq.org/leansixsigma) for links to the most up-to-date course listings, dates, locations, and pricing.



## Sharpen My Skills

Look to ASQ for superior professional development through these skill-building resources and more:

### **ASQTV** | [videos.asq.org/home](https://videos.asq.org/home)

Quality on demand. Nine topic channels to choose from and hundreds of compelling video presentations at your disposal from world-renowned quality subject matter experts.

### **WEBCASTS** | [videos.asq.org/product-category/channel/webcasts](https://videos.asq.org/product-category/channel/webcasts)

ASQ's comprehensive library of quality webcasts features authors, editors, and other subject matter experts to enhance your knowledge on a variety of quality topics.

### **MYASQ** | [my.asq.org](https://my.asq.org)

For ASQ members, myASQ is a centralized, online community to make connections that can help you share solutions and succeed.

### **DIVISIONS** | [asq.org/communities-networking/topic-industry](https://asq.org/communities-networking/topic-industry)

Connect with groups of professionals with similar areas of interest in quality. Look to them for networking, best practices, and support. Of special interest:

- **Lean Enterprise Division**
- **Six Sigma**
- **Audit Division**
- **Quality Management Division**

### **ASQ Events** | [asq.org/events](https://asq.org/events)

Experience the energy and excitement of ASQ events to enhance your professional development including the **Lean and Six Sigma Conference**, **World Conference on Quality and Improvement**, and the **Quality 4.0 Summit**. Expand your network and discover opportunities for in-depth conversations with attendees from a variety of industries.



Classroom  
Training



Virtual  
Training



E-Learning

### Visual Management



Understand how to create a visual workplace, get examples, and learn the three characteristics of visual management.

CEUs/RUs: 0.03 | Length: 0.33 Hours

### Workplace Design and Layout

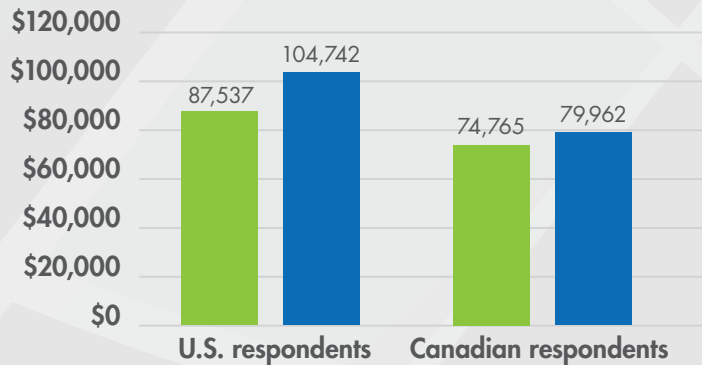


Create a well-designed workplace that eliminates waste and optimizes material, people, and information flow. Learn business benefits and how to implement in office and manufacturing environments.

CEUs/RUs: 0.03 | Length: 0.33 Hours



## Increase Your Salary Potential with Six Sigma Training



- Hasn't completed any Six Sigma training
- Has completed one or more Six Sigma training programs

Includes results for:  $\times$  Full-time employees and consultants.  $\_$  Part-time employees and consultants.  $\times$  U.S. employees.  $\times$  Canadian employees (Canadian dollars)  
 Source: **Quality Progress, December 2019 Salary Survey**

Save with early bird pricing. Visit [asq.org/leansixsigma](https://asq.org/leansixsigma) for links to the most up-to-date course listings, dates, locations, and pricing.

# SIX SIGMA: PROFITABILITY THROUGH PROCESS IMPROVEMENT

Define, Measure, Analyze, Improve, and Control. These five phases of SIX SIGMA leverage the data that tells us where we can improve. ASQ's SIX SIGMA training focuses on learning continuous improvement techniques for you to achieve stable and predictable process results. From Yellow Belt contributor to Black Belt leader, ASQ training leads the way to overall organizational improvement.

## ASQ PREMIER BELT COURSES

### Lean Six Sigma Green Belt

Learn to define, design, and run improvement projects that save your organization real dollars and better satisfy your customers through reducing process variation. Lead Green Belt projects delivering high impact results in a short period of time.



CEUs/RUs: 6.40 | Length: 64 Hours

### Lean Six Sigma Black Belt

Learn the skills to save your company money, lead teams, analyze business and operation processes, and implement efficiencies—bringing undeniable value. This course offers an exceptional opportunity to sharpen your technical and leadership skills as you work across your organization to bring major projects to completion.



CEUs/RUs: 13.40 | Length: 134 Hours

### Lean Six Sigma Black Belt Transition

Have you attended our Green Belt training or been certified as an ASQ Green Belt and want to advance to the next level? Then this course is for you. Integrate lean principles into instructed Six Sigma DMAIC methodology within a hands-on, classroom environment. Make an organizational impact with an applied project that you work on throughout the course.



CEUs/RUs: 6.40 | Length: 64 Hours



Classroom  
Training



Virtual  
Training



E-Learning

## ADDITIONAL COURSES

### Introduction to Six Sigma



Gain a broad understanding of the Six Sigma improvement methodology, concepts, and language. Courses also available with Services, Healthcare and Financial Services examples.

RUs: 0.30 | Length: 3.5 Hours

### Lean Six Sigma Yellow Belt

Learn how you can contribute to Lean Six Sigma projects and deliver meaningful results. Get essential tools for process improvement and gain a broad understanding of Six Sigma and lean methodologies.



#### Classroom

CEUs/RUs: 1.50 | Length: 15 Hours

#### E-Learning

Courses also available with Services, Healthcare, and Financial Services examples.



RUs: 2.70 | Length: 27 Hours

### Lean Six Sigma Green Belt

Courses also available with Services, Healthcare, and Financial Services examples.



RUs: 9.20 | Length: 92 Hours

### Lean Six Sigma Black Belt

Courses also available with Services, Healthcare, and Financial Services examples.



RUs: 13.60 | Length: 136 Hours

### Lean Six Sigma Black Belt – Minitab Supported

Courses also available with Services, Healthcare, and Financial Services examples.



RUs: 14.00 | Length: 140 Hours

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### Black Belt/Quality Engineering Statistics

Get a solid foundation in the statistical tools required for success as a Six Sigma Black Belt or Quality Engineer. Ideal if you're planning to sit for the Six Sigma Black Belt exam.



CEUs/RUs: 3.20 | Length: 32 Hours

### Design for Six Sigma (DFSS)

Lead or participate in a Design for Six Sigma (DFSS) team driving breakthrough objectives and executing on projects aligned to your corporate strategies.



CEUs/RUs: 3.25 | Length: 32.5 Hours

### Design for Six Sigma – Process/Service Design

Experience online DFSS training using the D-C-D-O-V roadmap and a simulation-based practice project.



RUs: 3.70 | Length: 37 Hours



## Secure your Lean Foundation!

Just getting started in lean? ASQ is proud to introduce *Lean Foundations*, our newest classroom training for getting up to speed on lean and everything it offers you and your company. This three-tiered curriculum is designed to teach newer lean practitioners how to use the lean problem-solving framework, tools and methods to address organizational challenges and improve performance. In five days of *Lean Foundations* you'll take three giant steps to gain lean expertise you can immediately apply to your job.



Classroom  
Training



Virtual  
Training



E-Learning

### Design for Six Sigma – Product Design

Experience online DFSS training using the D-C-D-O-V roadmap with a simulation-based practice project. This instructor-supported course covers the complete DFSS Body of Knowledge, including both product and process design.



RUs: 4.60 | Length: 46 Hours

### DMAIC Review Workshop

Boost your DMAIC skills. Set in a dynamic environment, you will work in teams through each of the DMAIC phases—first as a refresher, then again in team competition at the end of the workshop.



CEUs/RUs: 1.50 | Length: 15 Hours

### Lean Six Sigma Champion

Get the managerial and technical knowledge you need to facilitate the leadership and deployment of the Six Sigma strategy in your organization. Along with the executive team, you will be able to select projects, determine who trains as Black Belts/Green Belts, review progress, and mentor Black Belts/Green Belts for effective deployment.



CEUs/RUs: 0.60 | Length: 6 Hours

### Lean Six Sigma Executive

Understand the synergy between the latest developments in lean and Six Sigma, and the importance of resources and capability dedicated to process improvement. Develop an appreciation for the methodological rigor on which lean and Six Sigma improvements are based.



CEUs/RUs: 0.40 | Length: 4 Hours

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Save with early bird pricing. Visit [asq.org/leansixsigma](https://asq.org/leansixsigma) for links to the most up-to-date course listings, dates, locations, and pricing.



## RELATED E-LEARNING

Need more team training? Have budget and scheduling challenges that keep you or your staff from attending in-person training? ASQ web-based courses are an economical and flexible alternative to classroom courses. The following courses are specially designed to round out your team's skills, get them up to speed, fill the gaps and strengthen their confidence. Yours, too!



### Correlation and Regression

Learn how to use correlation to identify relationships between variables. Also, use regression to predict outcomes.

CEUs/RUs: 0.03 | Length: 0.33 Hours



### Data Analysis

Learn the fundamentals of data analysis, including the concept of probability, normal and binomial probability distribution types, and common and special cause variation.

CEUs/RUs: 0.05 | Length: 0.5 Hours



### Data Collection

Gain an understanding of the critical elements that are part of an accurate and complete data collection plan. Interactive activities and knowledge checks in this course enable you to apply what you've learned.

CEUs/RUs: 0.05 | Length: 0.5 Hours



### Hypothesis Testing

Learn about common hypothesis testing concepts and terms like null hypothesis, alternative hypothesis, Type I error, Type II error, p-value, and power.

CEUs/RUs: 0.03 | Length: 0.25 Hours



Classroom  
Training



Virtual  
Training



E-Learning

### Introduction to Statistical Concepts

Learn the fundamental concepts needed to get started with statistics. You'll also learn why organizations frequently use statistical process control (SPC) to ensure the quality of their products and services.



CEUs/RUs: 0.10 | Length: 1 Hour

### Measurement System Analysis (MSA)

Gain an understanding of common MSA terms like precision, accuracy, bias, linearity, and stability and the specific steps to take to complete a GR&R study. Review practical, real-life scenarios to see how project teams use MSA and GR&R to support process improvement initiatives.



CEUs/RUs: 0.05 | Length: 0.5 Hours

### Variation and Control Charts

Gain the abilities to analyze process variation, identify trends, shifts, and patterns, as well as key methods for interpreting control charts. Leave this course with the knowledge and ability to create and interpret control charts to use in your organization.



CEUs/RUs: 0.15 | Length: 1.5 Hours



## Certifications [asq.org/cert/catalog](https://asq.org/cert/catalog)



Elevate your expertise and organization's quality culture by encouraging ASQ certifications. Among the most popular are these related certifications:

- Six Sigma Yellow Belt (CSSYB)
- Six Sigma Black Belt (CSSBB)
- Six Sigma Green Belt (CSSGB)
- Master Black Belt (CMBB)

Save with early bird pricing. Visit [asq.org/leansixsigma](https://asq.org/leansixsigma) for links to the most up-to-date course listings, dates, locations, and pricing.



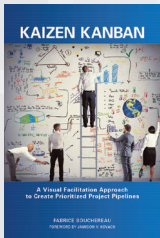
## ASQ's Quality Press

Build your lean and Six Sigma library with ASQ's Quality Press, featuring hundreds of titles on the newest topics in quality. Here are just a few of our most popular titles available today.

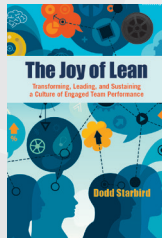
[asq.org/quality-press](http://asq.org/quality-press)



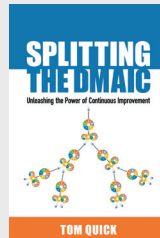
**Business Process Improvement**  
Item: H1312



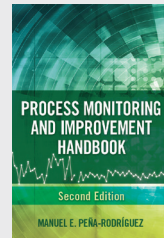
**Kaizen Kanban**  
Item: H1514



**The Joy of Lean**  
Item: H1519



**Splitting the DMAIC**  
Item: H1554



**Process Monitoring and Improvement Handbook, 2nd Edition**  
Item: H1549



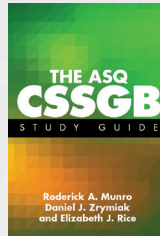
**The Certified Six Sigma Yellow Belt Handbook**  
Item: H1493



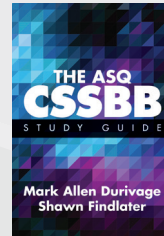
**The Certified Six Sigma Green Belt Handbook**  
Item: H1469



**The Certified Six Sigma Black Belt Handbook**  
Item: H1494



**The ASQ CCSSGB Study Guide**  
Item: H1528



**The ASQ CCSSBB Study Guide**  
Item: H1536



Classroom Training



Virtual Training

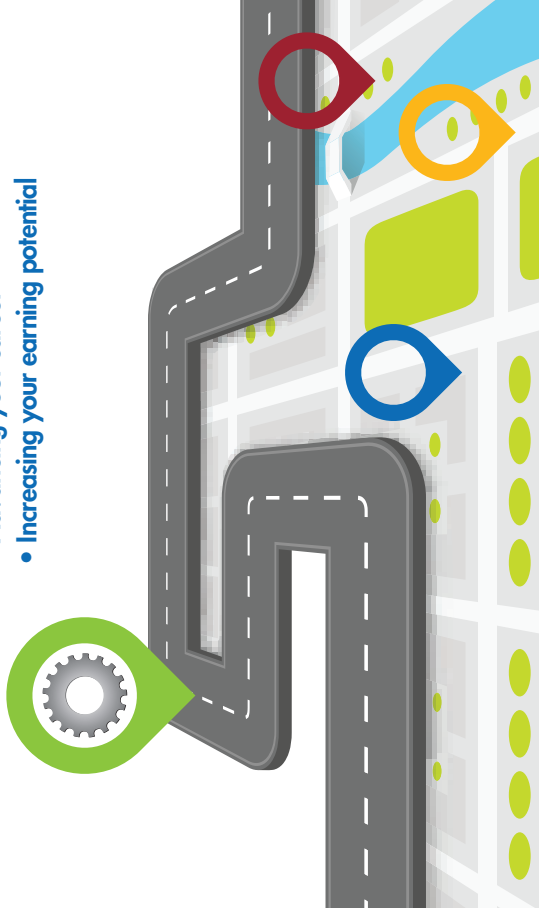


E-Learning

# LEAN and SIX SIGMA TRAINING

Your roadmap for:

- Learning new skills
- Advancing your career
- Increasing your earning potential



[asq.org/leansixsigma](http://asq.org/leansixsigma)

ASQ is an International Association for Continuing Education and Training (IACET) accredited training provider, which is your assurance that ASQ training products meet the highest standards in the industry. For more information, visit [tacet.org](http://tacet.org).



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Excellence Through Quality™