

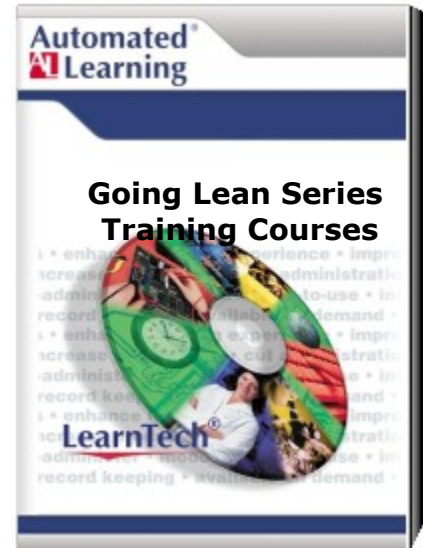
Lean Training for Your Organization

Lean and Training

Implementing and sustaining Lean is a journey. We have teamed with leading Lean content experts to capture the philosophy, to present the information you need to know, and to provide you with resources to make your Lean journey a success.

LearnTech® Lean training and certification courses blend with on-site activities to help you create and sustain your organization's Lean culture.

Automated Learning Corporation® is proud to bring you a unique Lean solution featuring the LearnTech® Training System.



Available Course Titles

If you are viewing onscreen, click on a course title for more information.

[Going Lean: Introduction to Lean Concepts](#)
[Going Lean: Introduction to Lean Tools](#)
[Going Lean: Value Stream Mapping](#)
[Going Lean: Kaizen Events](#)
[Going Lean: 5S Workplace Organization](#)

[Going Lean: Visual Controls](#)
[Going Lean: Mistake Proofing](#)
[Going Lean: Quick Changeover](#)
[Going Lean: Total Productive Maintenance](#)

Complete Training System

LearnTech® Lean training products deliver a complete training system that includes:

- State-of-the-art training content developed with Lean experts by learning professionals
- Standardized training - consistent, accurate, reliable content every time
- A choice of delivery formats and options to meet your training needs
- Available SCORM format to integrate with a Learning Management System (LMS)
- Comprehensive certification testing to assure students have understood the content
- Technical Support via email and telephone

Testing and Certification

LearnTech® certification training incorporates interactive learning checks throughout the instructional sequences. Certification tests are criterion-referenced and module-based with feedback on every response for enhanced learning. Administrative access to dates and scores of tests, certifications, and re-certifications is compliant with ISO quality standards training requirements.

The LearnTech® system allows your Lean team to train, test, audit, verify and certify that students have understood, and can apply the training content.

Available Course Delivery Options

Courses are available in several computer on-line web delivery options, with some titles available for DVD video delivery.

Computer Delivery Formats

On-line web courses can be delivered securely to any computer in your facility, and can also be delivered to any computer in any location with a high-speed Internet connection. There are several on-line web alternatives.

Benefits include:

- Automated registration, tracking, testing, certification – reduced administrative time
- Flexible online access -"always available" 24x7 across shifts, departments, locations
- Latest interactive multimedia technology – for interest, involvement and fun
- Self-paced delivery – improves the efficiency and effectiveness of learning
- Individual on-demand training – no waiting for a class to be scheduled
- Reduced language barriers for students – with text + audio + visual + review
- High quality graphics, video and audio media - optimized for the delivery format
- Shorter student away-from-work training time – lowers training cost significantly
- Reduced demand on your expert resources to deliver instruction on "the basics"
- Standardized training - consistent, accurate, reliable content every time
- Convenient easy to use training - point and click to learn, it's that simple
- All courses available under a single license – mix and match flexibility
- Compliance with ISO and industry standards for training and qualification records
- Customized content and organization branding "look-and-feel" options are available

Go to the [Secure E-Commerce Purchase Page](#) for a full list of On-line web courses.

Web-Based Internet – (Hosted Web)

Courses are externally hosted on our LMS, and delivered over the Internet. Using a standardized spreadsheet-based tool, you are provided with a user ID and password for each participant. You can expect turnaround within 2 business days of our receiving all relevant information – and generally within one day.

This is an ideal approach for individuals, for small to mid sized companies or divisions, for employees scattered across various locations and can be scaled for any size company.

- No requirement to install software on your server
- Standard web browser interface on each student workstation
- Can be accessed from any broadband Internet connected computer, even from home
- Windows or Unix variants supported on student workstations

Individuals receive user ID and password within 48 hours of purchase. Web-Based Individual course access is via a standard Internet website link. Courses are delivered via web browser.

Web-Based Corporate LMS

Many organizations today use a Learning Management System (LMS) to manage registration, course delivery, and record keeping. Our Online Web-based delivery is a standards-compliant solution. Using your corporate Learning Management System, (LMS) courses and complete training records can be securely maintained on your server.

- Standard web browser interface on each student workstation
- Windows or Unix variants supported on student workstations
- Courses conform to LMS industry standards (SCORM)
- Your LMS manages registration, course delivery and records keeping
- An engineering charge applies for LMS course integration
- Courses can be customized to meet your specific needs

Web-Based Turnkey LMS

The Turnkey Learning Management System (LMS) is a convenient and economical solution for organizations that do not currently use an LMS, but would like to take advantage of the registration, course delivery, and records keeping features an LMS can provide. With the Turnkey LMS you lease off-site server and LMS services sized for your requirements. Courses are delivered over the Internet.

- We pre-load the courses you order, and you are up and running quickly
- Standard web browser interface on each student workstation
- Access from any broadband Internet connected computer, even from home
- Your administrator has direct access for LMS registration and records tracking
- Branding "look-and-feel" options are available to make it "your" learning site
- Your Turnkey LMS is compatible with other vendor's SCORM courses as well
- Minimal impact on your IT support system

Lean Course Descriptions

Going Lean: Introduction to Lean Concepts

Course code: LC
Delivery: On-line web
Length: 1.5 hours

This comprehensive interactive multimedia program with certification is intended for managers, operators, technicians, engineers, and trainers who work in, or are transitioning to, a Lean production environment.

Course Content

- Advantages of going Lean
- The nine kinds of waste and Examples of each
- Attitudes and metrics of Lean
- Traditional organizations
- Obstacles to Lean transformation.
- Lean as a total system
- Mapping the value stream across the system
- Obstacles to becoming a truly Lean organization
- Lean as a journey, not a destination

Modules

[Sign in to access course demos](#)

1. What is Lean?
2. "Seeing" Waste
3. The Lean Paradigm
4. The Lean System

Purchase

For Web options, to request a course demo or for more information:
email: sales@automatedlearning.com
Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Introduction to Lean concepts - individual web-training format:

[Buy now online](#)

Going Lean: Introduction to Lean Tools

Course code: LT

Delivery: On-line web

Length: 1.5 hours

A comprehensive interactive multimedia learning program with certification that is intended for managers, operators, technicians, engineers, and trainers who work in, or are transitioning to, a Lean production environment.

Course Content

- Lean as a total system and the phases of lean
- Planning and assessment, Value Stream Mapping
- Hoshin, PDCA, A3, Kaizen
- Stability, 5S, Visual Controls, Standardized work
- Total Productive Maintenance, Poke Yoke
- Continuous Flow, Kanban, Point of Use
- Work Station Design, Cellular Flow
- Synchronous Flow, Multiple Value Streams
- Batch Size Reduction, Quick Changeover, SMED
- TAKT-based Production, Supermarkets, Factory Floor Layout
- Production Leveling, Pull systems, Heijunka
- Every Product Every Day, Make to Order

Modules

[Sign in to access course demos](#)

1. Planning and Assessment Tools
2. Achieving Stability
3. Achieving Continuous Flow
4. Achieving Synchronous Flow
5. Production Leveling and Pacing

Purchase

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Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Introduction to Lean Tools- individual web-training format:

[Buy now online](#)

Going Lean: Value Stream Mapping

Course code: LVS

Delivery: On-line web

Length: 1.5 hours

Going Lean: Value Stream Mapping is an interactive, multimedia, eLearning training program. It is intended for managers, operators, technicians, engineers, and trainers who work in, or are transitioning to, a Lean workplace.

Course Content

- The value stream and Value Stream Mapping
- Six major steps in value stream improvement
- Differences between process mapping and value stream mapping
- Identifying the value stream or value stream family
- Developing the current-state value stream map
- The value stream team, and going to gemba to gather data
- Symbols used to illustrate process physical and information flows
- Developing the future-state value stream map
- Analysis of the current-state, client demand, takt time, waste
- Kaizen bursts, improvement opportunities, the pacemaker
- Developing the future-state implementation plan
- Sequence and coordination of improvement activities
- Execution of the plan through kaizen improvement teams
- Moving from the current state toward a future-state vision

Modules

[Sign in to access course demos](#)

1. Introduction to Value Stream Mapping
2. Mapping the Current State
3. Mapping the Future State
4. The Future State Implementation Plan

Purchase

For Web options, to request a course demo or for more information:

email: sales@automatedlearning.com

Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Value Stream Mapping - individual web-training format:

[Buy now online](#)

Going Lean: Kaizen Events

Course code: LKE

Delivery: On-line web

Length: 1.5 hours

Going Lean: Kaizen Events is an interactive, multimedia, eLearning training program. It is intended for managers, operators, technicians, engineers, and trainers who work in, or are transitioning to, a Lean workplace.

Course Content

- Kaizen within a Lean context
- Kaizen Events, the Value Stream Map, and the Future State Plan
- Responsibilities of the Value Stream Leader and Kaizen Event Leader
- Cross-functional Kaizen teams, types of Kaizen
- How a Kaizen Event is initiated, event constraints
- Things a Team needs for success.
- Basic team problem-solving tools, Brainstorming, Five Why
- Root Cause and the Cause and Effect Diagram
- The Kaizen Event Problem-Solving Process
- Identify the problem, measure, analyze, generate solutions
- Select the solution, implement, evaluate, standardize
- Kaizen problem-solving tools
- Sustaining Kaizen improvements

Modules

[Sign in to access course demos](#)

1. Preparing for a Kaizen Event
2. Working Together in a Kaizen Team
3. Finding a Solution
4. Implementing the Solution

Purchase

For Web options, to request a course demo or for more information:

email: sales@automatedlearning.com

Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Kaizen Events - individual web-training format:

[Buy now online](#)

Going Lean: 5S Workplace Organization

Course code: LFS

Delivery: On-line web

Length: 1.5 hours

This comprehensive interactive multimedia training program is intended for managers, operators, technicians, engineers, and trainers, involved in a Lean production environment.

Course Content

- The origin, structure, and benefits of 5S
- The sorting process
- "Red-tagging" to identify and remove unnecessary material from the workplace
- Necessary processes to improve access to materials and equipment
- The role of cleaning in maintaining quality and throughput
- Creation and use of procedures, policies, and job aids associated with 5S activities
- Roles and functions in the monitoring of, and improvements to, 5S processes

Modules

[Sign in to access course demos](#)

1. Introduction to 5S
2. The Sort Process
3. The Set in Order Process
4. The Shine Process
5. The Standardize Process
6. 6. The Sustain Process

Purchase

For Web options, to request a course demo or for more information:

email: sales@automatedlearning.com

Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

5S Workplace Organization- individual web-training format:

[Buy now online](#)

[DVD Video Version](#)

Going Lean: Visual Controls

Course code: LVC
Delivery: On-line web
Length: 1.5 hours

This comprehensive interactive multimedia program is intended for managers, operators, technicians, engineers, and trainers, involved in a Lean production environment.

Course Content

- The work area as self-explaining, self-regulating, continuously improving
- Use of visual methods for facility control, including safety controls
- Floor and wall markings, colour, labels, tags, signage, physical layout
- Schedule boards, problem reporting, work load plans, ahead & behind
- Use of quality alert sheets, in-process inspection, SPC charts
- The role of quality awards vs. quality control charts
- Shadow boards, colour coding, equipment status and monitoring
- The role of the team in managing team production activities

Modules

[Sign in to access course demos](#)

1. Introduction
2. Object and Facility Controls
3. Schedule and Delivery Controls
4. Quality Controls
5. Equipment, Tooling and Fixture Controls
6. Team Controls

Purchase

For Web options, to request a course demo or for more information:
email: sales@automatedlearning.com
Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Going Lean: Visual Controls - individual web-training format:

[Buy now online](#)

Going Lean: Mistake proofing

Course code: LMP
Delivery: On-line web
Length: 1.5 hours

Audience

Going Lean: Mistake Proofing is an interactive, multimedia, eLearning training program. It is intended for managers, operators, technicians, engineers, and trainers who work in, or are transitioning to, a Lean workplace.

Course Content

- Basic concepts behind mistake proofing
- Consequences of errors, errors and defects
- Three primary sources of errors
- Failsafe, Poke Yoke, Jidoka
- Characteristics and examples of mistake proofing
- Four levels of mistake proofing and the value stream
- Process for implementing mistake proofing
- Red-flag conditions in production or office
- Mistake proofing vs conventional wisdom
- Examples of mistake proofing application
- 5S, colour coding, devices that prevent mistakes
- Standardized operating procedures, checklists
- Document design for mistake proofing

Modules

[Sign in to access course demos](#)

1. Introduction to Mistake Proofing
2. Levels of Mistake Proofing
3. Implementing Mistake Proofing
4. Examples of Mistake Proofing

Purchase

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email: sales@automatedlearning.com
Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Going Lean: Mistake Proofing - individual web-training format:

[Buy now online](#)

Going Lean: Quick Changeover

Course code: LQC

Delivery: On-line web

Length: 1.5 hours

Going Lean: Quick Changeover (QCO) is an interactive, multimedia, eLearning training program. It is intended for managers, operators, technicians, engineers, and trainers who work in a Lean production environment.

Course Content

- Changeover as a process
- Setup reduction, SMED, and OTED
- Changeover time and overall process time
- SMED and OTED as possible and practical for most industries
- Steps in the Quick Changeover setup reduction improvement process
- How to streamline internal setup elements
- How to streamline external setup activities
- Continuously improving Quick Changeover
- Eliminate search-and-find for setup reduction
- Standardize settings to eliminate trial and error
- The value of using checklists
- How to implement a new changeover process
- How Quick Changeover goals are established for each process
- Monitoring and continuous improvement for setup reduction

Modules

[Sign in to access course demos](#)

1. Introduction to Quick Changeover
2. Steps in Implementing QCO
3. QCO Procedures
4. QCO Continuous Improvement

Purchase

For Web options, to request a course demo or for more information:

email: sales@automatedlearning.com

Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Going Lean: Quick Changeover - individual web-training format:

[Buy now online](#)

Going Lean: Total Productive Maintenance

Course code: LPM
Delivery: On-line web
Length: 1.5 hours

Going Lean: Total Productive maintenance (TPM) is an interactive, multimedia, eLearning training program. It is intended for managers, operators, technicians, engineers, and trainers who work in, or are transitioning to, a Lean production environment.

Course Content

- TPM as a part of the Lean Production System
- Waste and loss due to equipment problems
- Periodic, predictive, corrective, and preventive maintenance
- TPM metrics: loading, availability, performance, quality, TEEP, OEE
- The Six Big Losses
- Individual and team roles in TPM, Operator, Equipment Tech, Engineer
- The five Pillars of Total Productive maintenance:
- Focused Equipment Improvement
- Autonomous Maintenance
- Planned Maintenance
- Skills Development
- Maintenance Reliability
- The impact of TPM on competitive performance

Modules

[Sign in to access course demos](#)

1. Introduction to TPM
2. Measuring Equipment Effectiveness
3. Individual Roles in TPM
4. The Five Pillars of TPM
5. A TPM Case Study

Purchase

For Web options, to request a course demo or for more information:
email: sales@automatedlearning.com
Tel: (613) 599-9975 or (866) 263-9964

For secure automated on-line purchase of this Lean training course:

Total Productive Maintenance - individual web-training format:

[Buy now online](#)

Testimonials

What Users say about the LearnTech® Training System

Manufacturing Industries Branch, Industry Canada - Lorne Sweet

"I am trying really hard to offer some constructive criticism. I cannot find any, and believe me when asked I give. Your training package is superb. I really liked the variety of presentation methods throughout the course, the constant testing and student participation, and the scoring system both during and after the evaluation/test. May I wish you continued success, as you have a winner here."

Curtiss-Wright Controls – Angela McKelvey

"This method of training requires little preparative work on my part and can be delivered on demand, avoiding scheduling conflicts... training is always consistent. My classroom and record keeping time is substantially reduced, allowing me to concentrate on surveillance, problem solving and development of other training... This product [has] made my job as a trainer and training coordinator much more rewarding."

Raven Industries – Julie Larson

"Thanks for being so helpful yesterday. I really enjoy working with you. This has worked wonderfully for new hires...They are able to sit down and take the course on their first day of employment."

EMS Satcom – Jane Prendergast

"I would like to take this opportunity to thank Automated Learning for the quality service that EMS SATCOM has received. We are very impressed with your selection of training programs as well as the service that you have provided..."

EMS SATCOM takes employee training seriously and with the high demand for excellence in the Aeronautical Industry we can feel comfortable that our employees are receiving the best possible training available.

Your training courses are easy to understand with clear visuals and easy to read text, and the design of the training materials will meet the needs of all learner types. The interaction that has been built into the materials provides for an enjoyable learning experience."

JCM Work Designs/The Lean Sigma Team - Jim Myers

"The ALC e-learning courses, whether web-based, LAN-based, or DVD-based, are superior to anything else I've seen anywhere! With just a little computer ability, anyone can learn the basics of the various lean topics. The biggest advantage is they can learn at their workplace, and not have to spend hours in the classroom or off-site with an instructor teaching them. And it's "world class" material. I support this and will highly recommend it to all of my clients."

more: www.automatedlearning.com/customers/testimonials.cfm