Lean Sigma Team

Work Designs JCM
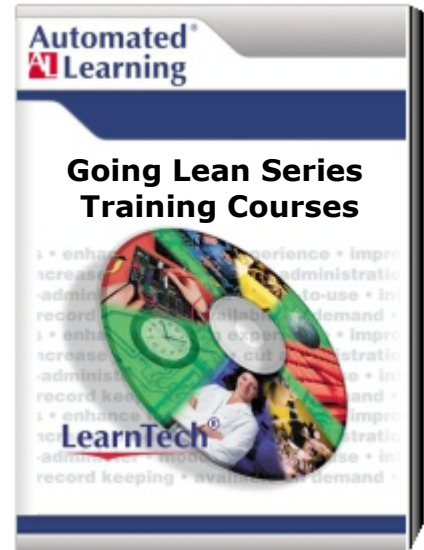
LearnTech® Training

Lean Production Training Courses

Lean and Training

Implementing and sustaining Lean Production 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 Production journey a success.

LearnTech® Lean training and certification courses blend with on-site activities to help you create and sustain a Lean Production culture.

The Lean Sigma Team is proud to partner with Automated Learning® to bring you a unique Lean solution featuring the LearnTech® Training System.

Automated AL Learning

Going Lean Series Training Courses

LearnTech®

Available Course Titles

If you are viewing this onscreen, the blue text items are clickable links.
Click on a course title for more information.

Going Lean: Introduction to Lean Concepts
Going Lean: Introduction to Lean Tools
Going Lean: 5S Workplace Organization

Going Lean: Visual Controls
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
- A choice of delivery formats and options to meet your training needs
- Available computer-automated course management and record keeping
- LearnTech® Training Instructor/Supervisor Guides
- Comprehensive certification testing to assure students have understood the content
- LearnTech® Training course Evaluation surveys
- Support and documentation at the LearnTech® On-Line Customer Support Center
- 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 Formats

Course formats include LAN or Web computer-delivery with titles also available as DVD Video training courses.

Computer Delivery Options

Courses can be delivered over your network to any computer in your facility using either LAN or Web formats. We offer automated registration, and complete training records can be securely maintained on your server.

Benefits include:

- Automated registration, tracking, testing, certification – reduced administrative time
- Flexible online access -"always available" 24x7 across shifts, departments, locations
- Latest video and interactive multimedia technology – for interest, involvement and fun
- Self-paced delivery – that 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
- Shorter student away-from-work training time – lowers training cost significantly
- Reduced demand on your expert resources to deliver instruction on "the basics"
- Compliance with ISO and industry standards for training and qualification records
- Standardized training - consistent, accurate, reliable content every time
- Convenient easy to use training - point and click to learn, it's that simple
- High quality graphics, video and audio media - optimized for the delivery format
- All courses available under a single license – mix and match flexibility
- Customized content and corporate branding "look-and-feel" options are available

Corporate LAN–Based

LAN delivery is a scaleable computer-delivered solution that is appropriate for both small and large organizations. Whether you have 10 or 10,000 learners, the LearnTech® LAN system is your best buy. LAN delivery is ideal for organizations that do not have a corporate Learning Management System (LMS) and includes integrated course management.

- Courseware installed on your server, securely inside your firewall
- LearnTech® Automated Curriculum Manager (ACM) included at no additional cost
- ACM manages registration, course delivery, testing and record keeping
- Small client application automatically installs on each student workstation

We ship the courses on disk with all necessary files for installation on your server. The "server" can be any Window's based computer or an existing Windows server on your LAN.

Corporate Web-Based Intranet

Many organizations today use a corporate LMS to manage registration, computer-course delivery and record keeping. LearnTech® Web-based Intranet delivery is a standards-compliant solution that works with your LMS to deliver courses over your Intranet.

- Courseware installed on your server, securely inside your firewall
- Standard Web browser interface with Flash plugin on each student workstation
- Windows or Unix variants supported on student workstations
- Compatible with LMS industry standards (SCORM or AICC)
- Your corporate LMS manages registration, course delivery and records keeping
- An engineering charge applies for LMS course integration

Corporate Web-Based Hosted Internet

On-line Web format courses are also available as a hosted solution with no requirement to install software on your server. Courses are hosted using a LearnTech® server and LMS and are delivered over the Internet. Students need only receive a user ID and password, so this solution can be "up-and-running" in a very short time.

- No requirement to install software on your server
- Standard Web browser interface with Flash plugin on each student workstation
- Can be accessed from any broadband Internet connected computer, even from home
- Windows or Unix variants supported on student workstations
- Hosted registration and records with available direct access for your administrator
- Corporate branding "look-and-feel" options are available to make it "your" learning site.

Individual Web-Based Online

Web-training courses can also be purchased on-line for individual or small volume use. Both individuals and companies make use of this option when there is a limited requirement for training. Individuals receive user ID and password within 48 hours of purchase. Hosted course access is via the Internet.
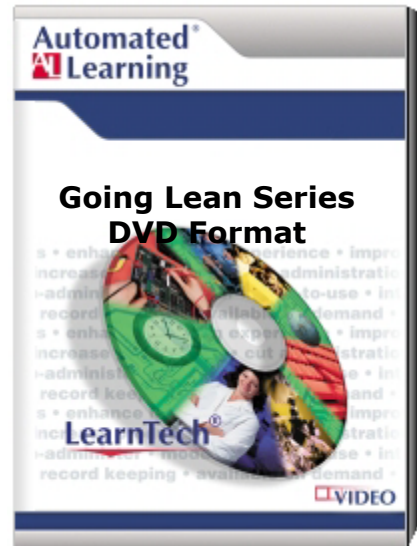
DVD Video Lean Training

Video training delivery is a convenient solution appropriate for organizations that utilize instructor-led classroom delivery. LearnTech® Lean training videos are designed to support planning and delivery of classroom courses, and are useful for individual training.

- Ideal for instructor-led group presentation
- Convenient as individual learning resources
- Easy to use and designed for audience participation
- Organized by chapters with discussion questions

These video training courses are perfect for group presentation. Your Instructor can choose to select appropriate material by chapter and pause playback as on-screen questions are asked. This provides an opportunity for group participation and discussion, before the correct answers are revealed.

Each Lean training video is a complete training system that allows your instructors to train, test, verify, and certify that students have understood the content.

Purchase

For more information:
email: JMyers@leansigmateam.com or Tel: (315) 393-3879

Click on a course title for its description.
To see a small sample of the course in .wmv format, click "Demo".
For secure automated on-line purchase, click a "Buy now" link.

Available Going Lean: Video Titles

Introduction to Lean Concepts – What is Lean?	Demo	Buy now
Introduction to Lean Concepts – The Lean System	Demo	Buy now
Introduction to Lean Tools – Planning and Stabilizing	Demo	Buy now
Introduction to Lean Tools – Achieving Flow	Demo	Buy now
5S Workplace Organization	Demo	Buy now
Visual Controls	Demo	Buy now
Quick Changeover	Demo	Buy now
Total Productive Maintenance	Demo	Buy now

Take advantage of a bundled set of video courses. Mix and match from any or all Lean DVD titles and **save up to 30% -** Includes the Instructor Bonus materials.

Video Going Lean: Bundle and Save - DVD Format Training Courses   Buy now

Each Lean video includes a bonus Instructor Resource Disk with:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

Video delivery notes:

- Best suited to instructor-led presentation with interactive group participation
- Can be augmented with demonstrations and examples from the workplace
- Requires only a DVD player and television for presentation. LCD screen recommended
- Does not Require LAN or Internet connection
- Less interactive for individual delivery as compared to computer-formats
- Does not include computer-automated registration, scheduling and record keeping
- Certification testing is via paper-and-pencil and requires manual scoring and records

Lean LAN-Pack Online Purchase

The Corporate LAN-based delivery solution is available for secure online purchase.

- Courseware installed on your server, securely inside your firewall
- "Server" can be any Window's based computer or existing Windows server on your LAN
- All available Lean Courses are included
- LearnTech® Automated Curriculum Manager (ACM) included at no additional cost
- ACM manages registration, course delivery and record keeping
- Small client application automatically installs on each student workstation

- Minimum quantity for this order is 25 registrations
- Check for volume discounts on quantities over 25
- Registrations may be used for any of the courses
- Each user consumes one registration per course
- Mix and match courses to meet your specific needs on an individual basis

You receive: software on disk, detailed step-by-step install guide, access to customer support website, and technical support via email or telephone.

For secure automated on-line purchase of the Lean LAN-Pack: Buy now online

Lean Course Descriptions

Going Lean: Introduction to Lean Concepts

Course code: LC
Delivery: LAN, On-line
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   Course demo

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

Purchase

For Corporate LAN or Web options, or for more information:
email: JMyers@leansigmateam.com or Tel: (315) 393-3879

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

Introduction to Lean concepts - individual web-training format: Buy now online

DVD Video Version – 2 Videos

Going Lean: Introduction to Lean Concepts – Videos

Going Lean: Intro to Lean Concepts – What is Lean?

Course code: LPLV   DVD Video Format   Length: 33 min

Video Content:

- Advantages of going Lean
- The nine kinds of waste
- Examples of each kind of waste
- Eliminating various kinds of waste
- Attitudes and metrics of Lean
- Traditional organizations
- Obstacles to Lean transformation

Chapters: Course demo

- Introduction
- Maximizing Value
- Impacts of Going Lean
- Costs of Going Lean
- Overproduction and Inventory
- Other Sources of Waste

For secure automated on-line purchase of this Lean video course: Buy now online

Going Lean: Intro to Lean Concepts – The Lean System

Course code: LPSV   DVD Video Format   Length: 27 min

Video Content:

- Lean as a total system
- Objections to Lean
- Mapping the value stream across the system
- Some Lean tools in the toolset
- Barriers to becoming a truly Lean organization
- Developing a new approach, Time necessary to transition
- Lean as a journey not a destination

Chapters: Course demo

- Introduction
- Best Practice Examples
- Attitudes, Beliefs, and Practices
- Lean Measures
- Lean as a System
- Going Lean

For secure automated on-line purchase of this Lean video course: Buy now online

Each video includes a Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format

- LearnTech® Quiz Instructor Answer and Scoring Key

Going Lean: Introduction to Lean Tools

Course code: LT
Delivery: LAN, On-line
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   Course Introduction Video

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

Introduction to Lean concepts - individual web-training format: Buy now online

DVD Video Version – 2 Videos

Going Lean: Introduction to Lean Tools - Videos

Going Lean: Intro to Lean Tools – Planning and Stabilizing

Course code: LTPV   DVD Video Format   Length: 42 min

Video Content:

- Lean as a total system
- The phases of Lean
- Planning and Assessment
- Value Stream Mapping
- Hoshin
- Plan Do Check Act
- A3

- Kaizen
- Stability
- 5S
- Visual Controls
- Standardized work
- Total Productive Maintenance
- Poke Yoke

Chapters: Course demo

- Introduction
- Planning and Assessment
- Achieving Stability

For secure automated on-line purchase of this Lean video course: Buy now online

Going Lean: Intro to Lean Tools – Achieving Flow

Course code: LTAV   DVD Video Format   Length: 33 min

Video Content:

- 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
- EPED, Make to Order

Chapters: Course demo

- Introduction
- Achieving Continuous Flow

- Achieving Synchronous Flow
- Production Leveling and Pacing

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Each video includes a Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
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- LearnTech® Quiz Instructor Answer and Scoring Key

Going Lean: 5S Workplace Organization

Course code: LFS
Delivery: LAN, On-line
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   Course demo

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

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

5S Workplace Organization- individual web-training format: Buy now on-line

DVD Video Version

Going Lean: 5S Workplace Organization – Video

Course code: LFSV   DVD Video Format   Length: 43 min

Video Content:

- Origin, structure, and benefits of 5S
- The sorting process
- The "red-tag" method
- Processes to improve access to materials and equipment
- The role of cleaning
- The creation and use of procedures, practices, policies, and job aids
- The roles and functions of management and team members in 5S

Chapters: Course demo

- Introduction to 5S   - The Shine Process
- The Sort Process   - The Standardize Process
- The Set In Order Process   - The Sustain Process

Included Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

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For secure automated on-line purchase of this Lean video course: Buy now online

Going Lean: Visual Controls

Course code: LVC
Delivery: LAN, On-line
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   Course demo

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 Corporate LAN or Web options, or for more information:
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For secure automated on-line purchase of this ESD training course:

Going Lean: Visual Controls - individual web-training format: Buy now on-line

DVD Video Version

Going Lean: Visual Controls – Video

Course code: LFSV   DVD Video Format   Length: 43 min

Video 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
- Shadowboards, colour coding, equipment status and monitoring
- The role of the team in managing production and team performance
- Small group activity, counter measure boards, cross-training matrices

Chapters: Course demo

- Introduction
- Object and facility controls
- Schedule and Delivery Controls

- Quality Controls
- Equipment Tooling and Fixtures
- Team Controls

Included Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

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For secure automated on-line purchase of this Lean video course: Buy now online

Going Lean: Quick Changeover

Course code: LQC
Delivery: LAN, On-line
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   Course Introduction Video

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

Purchase

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email: JMyers@leansigmateam.com or Tel: (315) 393-3879

Going Lean: Quick Changeover - individual web-training format: Buy now online

DVD Video Version

Going Lean: Quick Changeover - Video

Course code: LQCV   DVD Video Format   Length: 46 min

Video 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

Chapters: Course demo

- Introduction to QCO
- Steps in Implementing QCO
- QCO Procedures
- QCO Continuous Improvement

Included Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

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For secure automated on-line purchase of this Lean video course: Buy now online

Going Lean: Total Productive Maintenance

Course code: LPM
Delivery: LAN, On-Line
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   Course Introduction Video

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

Purchase

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email: JMyers@leansigmateam.com or Tel: (315) 393-3879

Total Productive Maintenance - individual web-training format: Buy now online

DVD Video Version

Going Lean: Total Productive Maintenance - Video

Course code: LPMV   DVD Video Format   Length: 60 min

Video 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

Chapters: Course demo

- Introduction to TPM
- Measuring Equipment Effectiveness
- Individual Roles in TPM

- The Five Pillars of TPM
- A TPM Case Study

Included Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

Purchase

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For secure automated on-line purchase of this Lean video course: 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."