

Lean Management

A Roadmap for Implementing Lean Maintenance & Manufacturing™

For a schedule of open enrollment classes or to bring this training to your plant or facility, contact us @

1-877-97-TRAIN

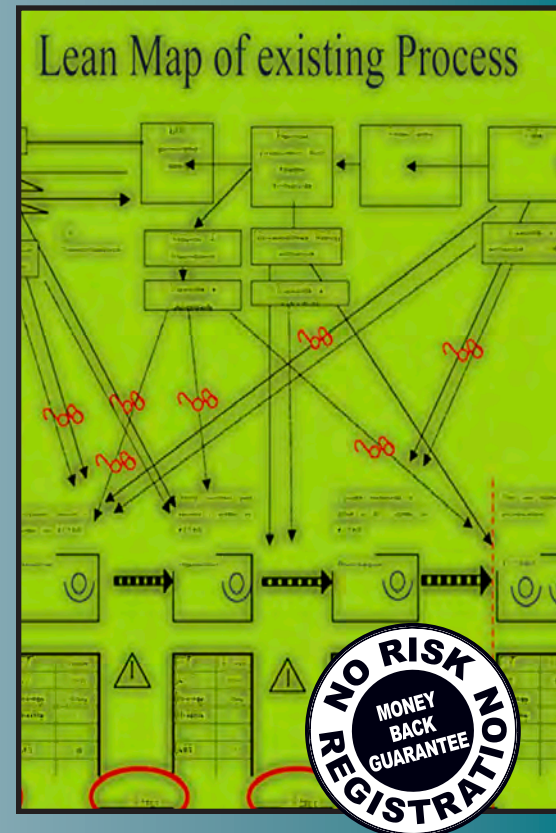
www.AmericanTrainco.com

Reduces Cost, Time and Work-In-Progress

Learn:

- A Systematic Approach for Implementing Lean Practices
- How to Identify Hidden Wastes and How to Eliminate Them
- What is Needed to Sustain the Gains
- The Rapid Improvement that Process Teams Can Make

Supports Six Sigma



- **Reserve Your Space Now! CALL 1-877-97-TRAIN**
- **This seminar can be presented at your facility for larger groups**
- **Check us out online at www.AmericanTrainco.com for a complete listing of all seminars coming to your area**

Lean Management A Roadmap for Implementing Lean Maintenance & Manufacturing™

▶ *"Reduce your inventories 50% more while increasing your customer service levels."*

▶ *"Improve your flexibility in reacting to changes in requirements."*

PURPOSE OF SEMINAR

Lean processes are changing businesses around the world through concepts, methods, and techniques that create outstanding results and translate directly into bottom-line profits. Based on the management philosophy of reduction of the "7 wastes", when waste is eliminated, quality is improved, time is decreased and cost is reduced.

This Lean Management course will provide a systematic approach for Lean implementation practices, a toolbox of techniques for problem solving, continuous improvement, plus practical advice on lean operations.

Whether you are considering initiating a Lean program, or the stage of its implementation, or experiencing difficulties in achieving the expected targets, this is a practical and hands-on course designed for you and your key people in the team to ensure you are on the right track to gain real benefits from Lean improvements.

LEARNING OBJECTIVES

Upon completion of this course students will receive a personalized American Trainco Certificate of Completion and 1.4 CEU's (Continuing Education Credits) approved by the Maintenance Training Association of the Americas indicating that he or she has learned how to:

- Develop a Lean Program for Their Facility
- Measure Performance in Order to Achieve Desired Outcome
- Create Value Stream Mapping
- Enhance the Responsiveness and Effectiveness of Material Flows
- Forecast Demands Accurately to Improve Scheduling
- Manage Your Workforce Effectively for Continuous Improvement
- Implement Rapid Process Improvements
- Identify Wastes and How to Eliminate Them
- Understand What is Needed to Sustain the Gains

ABOUT OUR INSTRUCTORS

All American Trainco instructors are required to have a formal education and real world work experience. They need to be leaders in their field. We don't hire field people without teaching experience, and we don't hire teachers without field experience. They must have both. And since attendees critique the instructor at the end of each class, a positive and enjoyable learning experience is virtually guaranteed.

UNAFFILIATED & NON-COMMERCIAL

Unlike some training experiences, you won't get a sales presentation at an American Trainco seminar – all you get is an honest, commercially unbiased education. We do not endorse or engage in the sale and promotion of any other supplier's products, so you know that by attending one of our seminars, your time and money is well spent.

WHO SHOULD ATTEND

The course is designed for anyone who is concerned with continuous improvement, maintenance, manufacturing and process excellence as well as technical professionals seeking cutting-edge tools, proven approaches and real-world applications. This seminar is a must for anyone who is involved in maintenance or manufacturing at industrial plants, utilities or commercial facilities, including:

- Operations Managers
- Plant Managers
- Maintenance Managers
- Engineering Technicians
- Quality Managers
- Materials Managers
- Manufacturing Engineers
- Production Managers

HIGH QUALITY PRESENTATIONS

From the start we've demanded that all our presentations would be lively, attractive, crisp and clear. Our instructors use state-of-the-art computers, projection equipment and software to bring you a high quality visual experience.

TEACHING PHILOSOPHY

"Real World Training...for Real World Needs", is not just our slogan, but also our mission statement. At American Trainco, we approach our students as if they were our own employees. We instruct and guide them in practical knowledge that allows them to immediately go back to their workplace and apply what they have learned. Our instructors are seasoned veterans with years of real world experience, and the students who attend our seminars often get more from a few days of training than an entire year of reading textbooks or watching videos. How do we know? They tell us.

ABOUT OUR INSTRUCTORS

Mike Wader has more than 20 yrs of hands-on experience in implementing Lean principles plus 10 years of teaching and consulting experience. He is a Certified Quality Manager and Certified Quality Auditor who has taught and mentored managers and work teams in the electronics, aviation, mining, steel mill, warehousing, consumer products and automotive industries. He is frequently requested as a speaker at Quality Conferences in the U.S. and has presented training seminars throughout the world. Mike has developed customized Quality Awareness, Excellence in Customer Services, Leadership Responsibilities and Lean Manufacturing courses for manufacturing, warehousing distribution, maintenance and servicing organizations of 150 to 3500 employees. His impact as a trainer and the catalyst for action has consistently produced substantial cost savings results during Kaizen events and Action Work Outs.

C O U R S E O V E R V I E W

Through a mixture of presentations and discussions including group and individual exercises, this 2 day intensive training course will provide a systematic approach for Lean Management implementation practices applicable for both the manufacturing and maintenance environment. The student will be provided with a toolbox of techniques for problem solving, continuous improvement, plus practical advice ranging from operating a Lean facility on a day-to-day basis to understanding how to sustain the Lean program.

AGENDA

DAY 1

- Overview and Expectations
- Introduction to Lean Principle Applications in All Functions of An organization
- Introduction to a Systematic Lean Implementation Approach
 - Why Implementations Fail or Deliver Less than Expected Results
- Identifying the 7 Hidden Wastes and How Much they are Costing the organization
- Waste of Motion
- Waste of Transportation
- Inventory Waste
 - Waste of Waiting Time
 - Overproduction Waste
 - Waste of Defects and Rework
 - Waste of Over Processing
- Identify Potential Improvement Opportunities (Breakout Exercise)
 - Personalizing the Training by Identifying Wastes within Your Own Company
- Dot Game Exercise, 1st Round (Exercise)
 - Interactive Classroom Factory to Provide Problems Found In Most Processes
- Introduction to Lean Basics; 5S & Visual Controls
- Intro to Lean Manufacturing (Video)
- Visual Controls (Video)
 - Push vs. Pull Production
 - *Single Piece Flow and Cellular*
- Visual Controls (Video)
 - Jit and Kanban
- Dot Game Exercise, 2nd Round (Exercise)

DAY 2

- Value Stream Mapping
- Quick Change-Overs
- Error Proofing (Video)
 - How to Use Pok-Yokes to Help Workers Not Make Mistakes
- Total Productive Maintenance
- Kaizen Blitz or Rapid Improvement Process
- Understanding the Process Variation
- Managements Involvement in Supporting this Lean Manufacturing Initiative
 - What Management Has to Do to Make these Changes Stick
- Development of An Action Plan to Implement Lean Principles Across Your Organization
 - Start to Develop a Plan that Outlines the Steps Needed to Implement Lean In Your organization
- Developing a Road Map to Success for Lean Implementation
 - Build a Road Map that Includes All of the Lean Practices and Design It to Fit Your Organization

Most students who attend our seminars are interested in a well-rounded general education. But many others have unique issues they face at work, and so they want specific answers to specific questions. Therefore, at the beginning of each seminar students are given the opportunity to briefly write down their reasons for coming to the seminar and/or what they hope to specifically learn while in attendance. Using this information, the instructor may change or vary the course information listed above depending on the needs and interests of the students.

SEMINAR AGENDA

7:30 am	Registration
8:00 am	Class Begins
12:00 - 1:00 pm	Lunch (on your own)
4:30 pm	Class Ends

SEMINAR FEE

\$985 Both Days

NO RISK REGISTRATION & MONEY BACK GUARANTEE

If you're not sure you'll be able to attend this seminar, you can still make a reservation to hold your space in class. While payment is due prior to the start of the seminar, you may choose a full refund or credit for cancellations made at least 24 hours in advance. Student substitutions can also be freely made at any time prior to the start of the seminar. Refunds will not be issued for registered attendees who fail to show up and have not given a notice of cancellation. In the rare event that you do not receive the expected value after attending our seminar, simply notify us in writing of your reasons and your money will be promptly refunded.

IN-HOUSE TRAINING

You can bring this or any other maintenance training program directly to your facility. Simply give us a call, tell us what you're looking for, and we'll provide you a quote. We also provide custom training for courses not listed in this brochure.

Call 1-877-97-TRAIN

Email Sales@AmericanTrainco.com

Or visit us on the web at www.AmericanTrainco.com

CONSULTING

American Trainco offers complete consulting services for maintenance, reliability and maintenance management programs including assessments, training, implementation and change management. In addition to the consulting, we offer complete maintenance and manufacturing training programs to predict, assess, train and certify for all of your facility and maintenance needs.

Reserve Your Space Now!

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Or Online at: www.AmericanTrainco.com

REGISTRATION

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SEMINAR FEE

Both Days: \$985

FIVE EASY WAYS TO REGISTER

- 1) **Internet** www.AmericanTrainco.com
- 2) **Fax** (303) 531-4565
- 3) **Phone** Toll Free 1-877-978-7246 or (303) 531-4560
- 4) **Mail** American Trainco, Inc. P.O. Box 3397 Englewood, CO 80155
- 5) **E-mail** Information from this form to: Sales@AmericanTrainco.com

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A New 2 Day Seminar Designed for Implementing Lean Practices at Your Facility

Primary Contact / Authorizing Supervisor: Name _____

Title _____ Company Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ Email _____

Seminar Attendees: Name Title E-Mail Seminar City

Name	Title	E-Mail	Seminar City

Billing Information: (Please fill out this section only if the "Bill To" name and address is different than the Authorizing Person's name and address above.)

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Address City State Zip

Phone Fax Email

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- Basic Electricity for the Non-Electrician™
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- Air Conditioning & Refrigeration
- Boiler Operation, Maintenance & Safety™
- Arc Flash Protection & Electrical Safety™
- 2008 National Electrical Code®

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- Codes / Standards / Safety

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www.AmericanTrainco.com
to get your complete schedule today!

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