

Lean Practitioner Training

The Lean Manufacturing Practitioner training program includes all of the training that the lean manufacturing certification program includes; however, it does not require a project and hence does not result in Certified Lean Practitioner designation. (This can be accomplished later by submitting and completing a project at an additional cost). The format includes audio-visual presentation, case studies / readings, and test completion. And, like our classroom training, students will have the ability to contact the instructor with questions and requests for feedback on ideas and case exercises. Students will also be able to contact each other with questions/ideas via an online forum. The program is self-paced and up to 6 months are allotted to complete it; students will have access to the program for 1 year. Upon completion of the program (including a final test), students will receive an electronic certificate of completion.

The program also provides students with multiple templates that they can modify to suit their own needs.

The program covers the following subject matter:

- Lean Principles
- 7 Wastes
- Value Stream Mapping
- Operational Stability
- Standardized Work
- Leveling Production (Heijunka)
- 5S Visual Workplace
- Total Productive Maintenance (TPM)
- Overall Equipment Effectiveness (OEE)
- Autonomous Maintenance
- Quick Changeover / Single Minute Exchange of Die (SMED)

- One Piece Flow / Continuous Flow
- Cellular Layouts
- Kanban Systems
- Replenishment and Sequential Pull Systems
- FIFO Flow
- Mistake Proofing
- Team Facilitation
- Problem Solving Methodologies
- Five Why's
- Fishbone Diagram
- PDCA (Plan Do Check Act)
- Kaizen Events
- Policy Deployment
- Lean Metrics
- Implementation Strategy
- Lean Culture and Organizational Issues

Features of the e-learning interface including audio-visual presentations, White Board, glossary, quiz/test, etc. are pictured on the following pages.



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Course Features

Course Syllabus

Course Content

The screenshot shows a web browser window displaying the eLeaP course page. The page title is "My Assigned Courses > Lean Manufacturing Certification Program". The main content area is titled "Course Syllabus" and "Lean Manufacturing Certification Syllabus (Self-Paced)". It lists the instructor as Darren Dolcemascolo and provides program requirements for certification, including readings from "The Toyota Way Fieldbook", online audio-visual presentations, a final test/quiz, case exercises, and articles/videos. A table of contents on the right lists various modules like "Introduction to Lean and the 7 Wastes" and "Value Stream Mapping".

The screenshot shows a web browser window displaying a flash audio-visual presentation titled "What does Lean do?". The presentation features a diagram comparing "Total Lead Time" before and after "Lean Transformation". The top diagram shows a long horizontal bar with many small blue segments (Value-Creating Time) and many small red segments (Non-Value-Creating Time/waste). The bottom diagram shows a shorter horizontal bar with fewer blue segments and almost no red segments. A quote from Taiichi Ohno is displayed: "All we are doing is looking at the time line from the moment the customer gives us an order to the point when we collect the cash. And we are reducing that time line by removing non-value-added wastes." The presentation also includes a legend for Value-Creating Time and Non-Value-Creating Time (waste).

Flash Audio-Visual Presentations



The screenshot shows a web browser window titled "eLeaP - Windows Internet Explorer" with the URL "https://learntrainingonline.zleap.com/". The page is powered by eLeaP and features a navigation menu with options like HOME, COURSES, USERS, USER GROUPS, CAREER PATHS, QUIZ RESULTS, FORUM, REPORTS, ACCOUNT, INBOX (12), and eCOMMERCE. On the left, a sidebar lists "Content", "Glossary", "FAQ", "Resources", "Quiz", "Feedback", and "My Stuff". The main content area displays "Quiz" results: "Congratulations! You have PASSED. Your total score is 100%." It also shows quiz details: "Time Limit: 0 minutes", "No. of Question(s): 20", "Minimum Score to Pass: 15", and "Your Score: 20.0". Below this, there are buttons for "retry Quiz", "accept this Score", and "back to My Assigned Course". A "Questions and Answers" section is visible, showing "Question 1 of 20" with the question: "Which of the following is not one of the seven manufacturing wastes?". A table lists options: A. Small batches (checked), B. Inventory (marked with an X), C. Defects (marked with an X), and D. Wasting (marked with an X).

Quiz

The screenshot shows the same web browser window displaying the "Glossary" page. The navigation menu and sidebar are identical to the previous screenshot. The main content area features a search bar with a "Text" input field and a "Search" dropdown menu set to "in all glossary". Below the search bar, the page title is "Course Glossary for Team Problem Solving and Mistake Proofing" with a "Total Glossary Words: 31" indicator. The glossary entries include: "Andon: A system of flashing lights used to indicate production status in one or more work centers/machines within a facility.", "Autonomous Maintenance: A program in which equipment operators share responsibility with maintenance staff for the care of the equipment they use.", "Batch and Queue: The movement of products through the manufacturing process in large numbers of identical units at once.", "Cellular Manufacturing: An arrangement of people, machines, materials, and methods with the processing steps placed right next to each other in sequential order, through which parts are processed in a continuous flow.", "Continuous Flow: Sometimes called one piece flow or single-piece flow, it is the flow of product or service from operation to operation at a consistent pace with no WIP or delays in between operations. It is either one part or a small, consistently-sized batch of parts being processed at a time.", "Cycle Time: The time it takes a machine to complete an operation or an operator to go through his/her work sequence.", and "FIFO: First In First Out".

Glossary



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HOME COURSES USERS USER GROUPS CAREER PATHS QUIZ RESULTS FORUM REPORTS ACCOUNT INBOX (12) eCOMMERCE

Content
Glossary
FAQ
Resources
Quiz
Feedback
My Stuff

White Board Topic: *How to use the Whiteboard*

Comment *

back to White Board + add comment

Posts

posted by Dolcemascolo, Darren 05-17-2009 reply edit

Total posts: 0

The whiteboard feature of this program is to be used by students to interact with each other and the instructor. If you have a question for which you would like to gather feedback or ideas, use the whiteboard. (The best way to contact the instructor only is e-mail.)

How to..?

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Done

start Inbox - Microsoft Out... An Important Update... 2 Internet Explorer Document2 - Microsof... 10:10 AM

White Board for Communication

eleap - Windows Internet Explorer
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Darren Dolcemascolo | logout
view my profile

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Content
Glossary
FAQ
Resources
Quiz
Feedback
White Board
My Stuff

Add new note

Note *

Path:

Filename: N/A + upload file
File Size [KB]: N/A

back to My Assigned Course + add note

My Stuff for *Team Problem Solving and Mistake Proofing*

Total notes: 0

How to..?

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Done

start Inbox - Microsoft Out... An Important Update... 2 Internet Explorer Document2 - Microsof... 10:10 AM

My Stuff Notes