



# TW 101: Principles of Lean Manufacturing

Presented by:

Society of Manufacturing Engineers (SME) Chapter #46  
and Maine MEP

When: Wednesday, November 16, 2005

Where: University of Southern Maine  
John Mitchell Center (Gorham Campus)

37 College Avenue · Gorham, Maine · (207) 775-8340



## What does your business need?

Do you need to gain an advantage over competitors in your manufacturing environment? Do you need to improve quality, cost, lead-time and customer satisfaction to compete successfully in your marketplace? Do you need to integrate high-performance production methods and technologies to improve profits, strengthen your competitive advantages, and grow your business?

## Workshop overview:

Join us for a hands-on workshop that guides participants through the transition from a traditional manufacturing environment to a lean, world-class enterprise. By introducing and implementing Lean principles, your company can improve efficiencies, reduce waste, increase profitability and provide customers with high quality products at competitive prices. The end results are well worth your investment.

Participants in our workshops have reported significant results after implementing Lean principles in their own businesses, including:

- 90 % reduction in lead times
- 85 % reduction in work-in-process
- 85 % improvement in quality
- 50 % increase in productivity
- 50 % reduction in floor space

## What to expect:

During the hands-on simulation – during which you will be a member of our production team - you will apply Lean concepts, such as standardized work, visual signals, batch-size reduction, pull systems, designed to give you new tools to improve your business. We begin by manufacturing products in a chaotic, traditional manufacturing firm. Then Lean principles are applied to the results of your first simulation. For the remainder of the day, we revisit the manufacturing environment and use the Lean techniques that have been presented.

You will learn the principles of Lean Manufacturing and how to apply them to your company. At the end of this workshop, you will be able to identify the eight areas of waste and understand how to eliminate them. Applying Lean principles can improve your bottom line.

<b><u>Agenda:</u></b>	7:30 AM	Sign In
	7:45 AM	Start
	4:45 PM	Adjourn

## Who should attend?

**Business and manufacturing leaders** who would like to understand the basic Lean concepts and start on the road to Lean Manufacturing. **Companies** that are interested in reducing their *inventory*, improving their overall *quality*, improving their *on-time delivery performance*, improving their *productivity*, and lowering their *manufacturing costs*.

**Registration:** SME members: \$99. SME student members: \$20. Nonmembers: \$139 (membership dues included). The fee for this workshop is normally \$299. However, Maine MEP is providing scholarships for each participant, significantly reducing the cost of registration. Fee includes refreshments, lunch, workshop materials and certificate of completion.

**For information or to register, contact:** Ron Dupuis, Fairchild Semiconductor, 207-775-8340 or [ronald.dupuis@fairchildsemi.com](mailto:ronald.dupuis@fairchildsemi.com).

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Complete this form and fax or mail it to the address below. Please copy this form if you wish to register additional participants from your company. Refunds will be issued only if SME/Maine MEP cancels the event. Confirmation will be sent upon receipt of payment.

## Participant Information:

Name:	Company:
Title:	Address:
City	State/Zip:
Phone:	Fax:
Email:	
Name of 2 <sup>nd</sup> Attendee:	
2 <sup>nd</sup> Attendee Title:	

## Method of Payment

# of Participants:	Total Fee:
	<input type="checkbox"/> \$99 SME Members <input type="checkbox"/> \$20 SME Student Members <input type="checkbox"/> \$139 Nonmembers (includes SME membership dues)
<input type="checkbox"/> Check enclosed, made payable to SME #46	
How did you first hear about this event?	
<input type="checkbox"/> Web site <input type="checkbox"/> Mailing <input type="checkbox"/> Calendar Listing: <input type="checkbox"/> MEP Project Manager (please name): <input type="checkbox"/> Other (please note):	

**MEP Event Registration**  
**Fairchild Semiconductor**  
**Attn: Ron Dupuis, SME #46 Chair**  
**82 Running Hill Road, MS 35-2C**  
**S. Portland, ME 04106**  
**Tel: 207-775-8340**  
**ronald.dupuis@fairchildsemi.com**