



**The Great Bay Community College in collaboration with
the New Hampshire Manufacturing Extension Partnership
presents:
Lean Enterprise Certificate Program**

A Comprehensive Lean Training and Application Certification Program

Start Date: September 1, 2009 End Date: December 15, 2009

Time: Tuesday 8:00 am - 4:00 pm

***Location: Great Bay Community College, Portsmouth Campus
Course Number NCBU 107, CRN 10338
Program Cost per participant: \$3,800***

The Lean Enterprise Certificate program is a hands-on Lean Principles curriculum that is designed for those who want to learn and apply Lean Principles within their organization. Students will receive formal instruction in Lean Principles during the 16 week course. Class will be held once a week for 8 hours. Training is aligned with requirements of the AME/SME Shingo Bronze Level Certification.

Who should attend?

- Companies just starting their Lean journey
- Companies struggling with Lean implementation
- Lean champions/implementers/facilitators
- Managers who would like to impact their bottom line
- Companies looking to effect change within their organization

Results of Lean Manufacturing Participants report significant results after implementing Lean principles in their own enterprises including:

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

Course Curriculum:

Lean Enterprise Certificate Program

This course introduces the student to the theory, fundamentals, principal tools and the application of Lean for Manufacturing and the Front Office. Case Studies, simulations, and actual problems are used to immerse students in the transformation of a business environment. In order to maximize the investment students have committed to this program, students are required to work on three projects that directly transfer the content from this course into a real world application that can benefit their working environment. The students will choose the improvement event(s) for the application days based on the key subject areas (Cell Flow, Pull Systems, TPM, Set Up Reduction, Lean Six Sigma) and the current needs of their employers. All Application Days are run in a structured kaizen format in order to allow the students to gain experience in facilitating kaizen events. Students will work in small groups to share knowledge and experiences as they complete their project. Students will be required to present their project results to the rest of the class.

Great Bay Community College:

Great bay Community College offers a wide range of technical, career, and professional programs including a Liberal Arts/Transfer program at its Portsmouth Campus at the Pease International Tradeport.

What New Hampshire Business Are Saying:

We have experienced a 50% improvement in our daily production output with the same staff as we had before. The outcome we have experienced from the work we have done with the NH MEP has exceeded my expectations.

Wayne Justason, Vice President of Manufacturing Reliable Technologies, Manchester, NH.

"Producing one of our custom doors use to take 20 to 22 man hours," said Kevin Bittenbender Team Leader of the Woodworking Shop. "Now a door can be completed in 12 hours." A simple change has cut our lead time by 66%, reduced production hours by 11%, and decreased the square footage that our process takes."

Hans Porschitz, Team leader, Building Systems Bensonwood, Walpole, NH

New Hampshire Manufacturing Extension Partnership:

Over the past years, NH MEP has trained more that 1700 employees at 159 NH businesses, in the Principles of Lean Manufacturing. The NH MEP is part of a nationwide network of technical, manufacturing and business specialists linked together by the U.S. Department of Commerce and the National Institute of Standards and Technology. The NH MEP provides this training using Time Wise Management Systems' world class suite of enterprise transformation tools and best practice methodology's.

**Content Questions, call Christopher Tsakiris at 603-226-3200 or
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**To register, call Chris Lawrence at (603) 559-1576 or
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Sign Up Now - Seats are Limited**