

PRCC Workforce Education

Lean Enterprise Training

Lean Enterprise - A business system for organizing and managing product development, operations, suppliers, and customer relations. Business and other organizations use lean principles, practices, and tools to create precise customer value—goods and services with higher quality and fewer defects—with less human effort, less space, less capital, and less time than the traditional system of mass production.

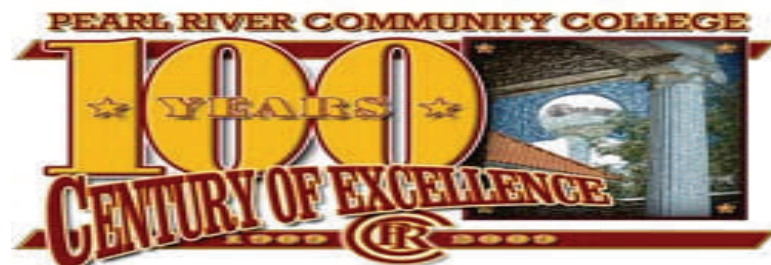
Leaders today in a wide range of industries, non-profit organizations, government agencies, health-care, and other areas are finding ways to apply the principles of lean as a means of producing goods and delivering services that creates value for the customer with the minimum amount of waste and the maximum degree of quality.

Presented by
Pearl River Community College and The
University of Southern Mississippi

A Lean Enterprise produces more with existing resources by eliminating non-value added activities. Businesses are facing increased worldwide competition and the stakes are high. The winners in the competition work to eliminate wasteful activities and to only produce exactly what customers want when the customer wants it.

Benefits of implementing Lean

- Reduce cycle time
- Reduce inventory
- Reduce work-in-process (WIP)
- Reduce costs
- Increase capacity
- Improve lead times
- Increase productivity
- Improve quality
- Increase profits



The Lean Office - Participants will learn the basic concepts of Lean as they relate to an office/administrative environment. Participants will be introduced to these various Lean concepts and then be given the opportunity to apply them in three rounds of a simulated office exercise. Each round finds the group moving from a traditional, chaotic environment, to a more efficient and effective environment as the Lean concepts are applied. Educational institutions, government, and healthcare organizations are prime examples of beneficiaries from this workshop.

The Principles of a Lean Enterprise - Lean is part of an integrated suite of tools and services developed for manufacturers, but adapted by many industry segments. At this workshop, you will learn the basics of Lean: 8 Wastes, 5S, Standardization, Visual Controls, Set-up Reduction, Pull, TPM, and others. These concepts will be demonstrated in a hands-on simulation

The Visual Workplace (5S System) - A series of activities designed to improve workplace organization and standardization. Implementing visual controls and enhancing communication are also demonstrated in this workshop.

Set Up Reduction (SMED) - Set up reductions builds on the principles of the Single Minute Exchange of Dies (SMED) system developed by Shigeo Shingo to dramatically reduce or eliminate changeover time. The four step process is used to help companies design low cost solutions to reduce changeover time.

Total Productive Maintenance - TPM is a process to maximize equipment up time as well as the life of equipment. The goal of TPM is to improve the overall equipment effectiveness (OEE) and to reduce equipment downtime.

Cellular Workplace Design - This workshop focuses on the process of balancing value-added activities. The product or service should flow through an organization continuously without unnecessary stops. In a balanced environment, movement and wait time is minimized, inventory is reduced and productivity increases.

Value Stream Mapping - VSM is a tool for creating a blueprint of the activities that bring a product or service from raw material to delivery. Material and information flows are captured for the current state of production. Then, in moving toward a waste eliminating Lean environment, a future state is designed for implementation.

Leading Change - This workshop will explore how to manage the transition toward a Lean environment in an organization. The change management approach of firms such as Toyota will be analyzed to reveal how they consistently change their business model to reflect consumer needs. The course also covers the importance of how to plan, apply, and deploy Lean for the entire organization and not just a specific process or technique. Finally, the course addresses the importance of what is often the "missing link", Value Stream Mapping; and the importance of this Lean technique in the success of the Lean transition.

COURSE SCHEDULE

The Lean Office	10/6/2008	8 to 4:30
Principles of Lean Enterprise	10/7/2008	8 to 4:30
The Visual Workplace (5S System)	10/8/2008	8 to 11:45
Set Up Reduction (SMED)	10/8/2008	12:15 to 4:30
Total Productive Maintenance	10/9/2008	8 to 11:45
Cellular Workplace Design	10/9/2008	12:15 to 4:30
Value Stream Mapping	10/10/2008	8 to 11:45
Leading Change	10/10/2008	12:15 to 4:30

Pricing:

Each full day class is \$50 with a box sandwich lunch included.

Each half day class is \$25 with no lunch included.

To inquire or register, please contact Mrs. Lee Bell at 601.554.4647 or lbell@prcc.edu.