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Lean Manufacturing and Pollution Prevention in the Food and Beverage Sector



Mount Wachusett
Community College



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Community College

This course will help food processors and beverage manufacturers identify, adopt and measure the results of Pollution Prevention (P2) as a result of changes in processes, equipment and behavior. You will achieve results in saving energy, water, waste and toxics use, and as a result, increase the capacity of companies to adopt Lean tools to find P2 opportunities continuously on your own.

This essential program will provide you with the fundamental tools and indispensable knowledge to implement continuous improvement in your workplace. You will master the critical steps which you can take to assure dramatic, continuing improvements.

Who should attend?

Top managers seeking to apply lean thinking in their facilities, new hires at companies using lean principles, anyone considering implementing a Continuous Improvement program, employees looking for a comprehensive refresher, and anyone who is planning to take the National Lean Certificate exam.

Eligibility:

- Food & beverage processors and manufacturers
- Priority given to facilities in North Central and Merrimack Valley areas of MA

Outcomes:

- Demonstrate a solid understanding of lean principles
- Identify and eliminate the seven wastes in their processes
- Know which of the tools they can implement to help their bottom line
- Determine key opportunities and apply these tools in their own environment/setting
- Achieve bronze level certification at the national level

We reduced seed loss by 30% by focusing on the waste of Transportation, determining root cause, and partnering with our maintenance team to address the issues. We've been able to continue to maintain the savings through Preventative Maintenance measures that were implemented as a direct outcome of our project.

Little Leaf Farms, LLC



Funding provided for this training through an EPA Region 1 Healthy Community grant

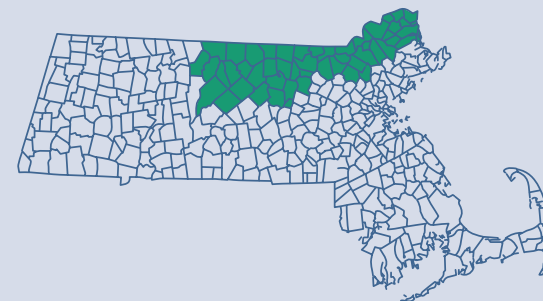


Program Overview:

4-Hour Sessions

March 1 & 2:	April 26 & 27
<ul style="list-style-type: none"> • Introduction to Continuous Improvement 	<ul style="list-style-type: none"> • QC Tools - The junction of Lean and Six Sigma
March 15 & 16:	May 10 & 11:
<ul style="list-style-type: none"> • Stability 	<ul style="list-style-type: none"> • Management Responsibility
March 29 & 30:	May 24 & 25:
<ul style="list-style-type: none"> • Continuous Flow and Kanban 	<ul style="list-style-type: none"> • Value Stream Mapping
April 12 & 13:	June 7 & 8:
<ul style="list-style-type: none"> • Standardized work • Jidoka and Set-up Reduction 	<ul style="list-style-type: none"> • Company wide improvement • Preparation for the National Exam

This 64 hour program will meet for 2 (4) hour sessions every other week and will be delivered in a virtual format via Zoom. The OFF week gives opportunity for participants to work on their project by implementing what they've learned at the workplace.



Ready to start? Classes begin March 2021
Register by calling Colleen Clark,
978-630-9242 | cclark20@mwcc.mass.edu