



Lean Thinking and Implementation Workshop Series For Managers and Supervisors

10 Workshops (January – April 2022)

FEE
\$00.00

LOCATION

The Center for Manufacturing Excellence - Parkway Plaza
4945 Golden Gate Parkway, Suite 113 Naples, Florida 34116



A WORLD OF LEAN METHODS & PRINCIPLES TO SHARE WITH MANAGERS & SUPERVISORS

Here are the 10 lean thinking topics this workshop series will introduce participants to:

PARTICIPANT BENEFITS: At the completion of this series attendees will be able to:

- Identify and utilize root cause analysis and problem solving methodology components.
- Effectively coach and lead staff associated on lean improvements.
- Appreciate value in a process and identify and eliminate wasteful activities within a process.
- Use correct problem solving tools to collect and analyze process related data to help drive local improvement.
- Maintain and sustain improvements within the manufacturing process area.
- Understand the principles of continuous improvement and the culture associated with it.

WHO SHOULD ATTEND: Prospective and current manufacturing management stake holders at all levels from business owners, vice presidents, managers to supervisors and in all areas including operations quality, HR, facilities maintenance and line operations.

1. The History of Lean – Making The Case For Lean

Date: January 4, 2022 **Times:** 8:00am – 12:00noon No **Cost:** pp
5:30pm – 9:30pm

2. Waste And Workplace Organization

Date: January 11, 2022 **Times:** 1:00pm – 5:00pm No **Cost:** pp
5:30pm – 9:30pm

3. Value Stream Mapping

Date: January 18, 2022 **Times:** 8:00am – 12:00noon No **Cost:** pp
5:30pm – 9:30pm

4. 5S and Visual Management

Date: January 25, 2022 **Times :** 1:00pm – 5:00pm No **Cost:** pp
5:30pm – 9:30pm

5. Total Productive Maintenance And Setup Reduction

Date: March 1, 2022 **Times:** 8:00am – 12:00noon No **Cost:** pp
5:30pm – 9:30pm

6. Factory Ergonomics And Employee Safety

Date: March 8, 2022 **Times:** 1:00pm – 5:00pm No **Cost:** pp
5:30pm – 9:30pm

7. Root Cause Analysis

Date: March 22, 2022 **Times:** 8:00am – 12:00noon No **Cost:** pp
5:30pm – 9:30pm

8. Problem Solving Analysis Tools

Date: March 29, 2022 **Times:** 1:00pm – 5:00pm No **Cost:** pp
5:30pm – 9:30pm

9. Standard Work-Cellular Manufacturing Designs

Date: April 5, 2022 **Times:** 8:00am – 12:00noon No **Cost:** pp
5:30pm – 9:30pm

10. Six Sigma And SPC Concepts

Date: April 12, 2022 **Times:** 1:00pm – 5:00pm No **Cost:** pp
5:30pm – 9:30pm

ENROLL TODAY – (239) 377.6100 | homarl@collierschools.com

EXTENSION CAMPUS OF IMMOKALEE TECHNICAL COLLEGE



Lean Thinking and Implementation Workshop Series For Managers and Supervisors

2 Workshops (January 4 & 11 2022)

FEE
\$00.00

LOCATION

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4945 Golden Gate Parkway, Suite 113 Naples, Florida 34116



A WORLD OF LEAN METHODS & PRINCIPLES TO SHARE WITH MANAGERS & SUPERVISORS

Here are the 2 lean thinking workshops for January from our 10 topic series:

The History of Lean – Making The Case For Lean

Date: January 4, 2022 **Times:** 8:00am – 12:00noon **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- Background and roots of lean thinking through recent history
- What the benefits of going lean will do for your customers and your bottom line
- Understand the culture of Lean thinking
- The need for constant change and how to harness its positive influence
- The steps to take as you progress along your Lean Thinking journey

Waste And Workplace Organization

Date: January 11, 2022 **Times:** 1:00pm – 5:00pm **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- The difference between Value Add and Non-Value Add activities
- How to define and identify the Eight wastes in any operation
- Lean tools to utilize to maintain workplace organization
- Examples of the eight wastes in the work place
- Types of time in an operation and where to focus improvements



ROBERT CASTONGUAY

Adjunct Instructor

45 Years Experience

30 years of hands-on experience leading improvements in both large and mid-size machining, fabrication and assembly plants. 15 years facilitating over 500 Kaizen improvement workshops. Has extensive working knowledge, teaching and implementing Toyota Production System (TPS) based Lean manufacturing applications and Six Sigma (6σ) quality variation reduction techniques in both manufacturing office and shop floor environments.

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EXTENSION CAMPUS OF IMMOKALEE TECHNICAL COLLEGE

2 Workshops (January 18 & 25 2022)

FEE
\$00.00

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4945 Golden Gate Parkway, Suite 113 Naples, Florida 34116



A WORLD OF LEAN METHODS & PRINCIPLES TO SHARE WITH MANAGERS & SUPERVISORS
Here are the 2 lean thinking workshops for February from our 10 topic series:

The Value Stream Mapping

Date: January 18, 2022 **Times:** 8:00am – 12:00noon **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- Describe Value streaming and explain the benefits of its use
- Demonstrate an understanding of value stream mapping by creating one utilizing a Case Study
- Define and give examples of current and future state value stream maps
- Define the steps in developing a value stream map (VSM)

5S and Visual Management

Date: January 25, 2022 **Times:** 1:00pm – 5:00pm **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- Examples of Sort, Store, Shine, Standardize and Sustain (before & after examples)
- Benefits of the Visual workplace and Vital information
- Learn Control, Communication, and Management Techniques
- Red tag events, save space, improve safety and lean out your work areas
- Organize the flow of work, become efficient overnight



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EXTENSION CAMPUS OF IMMOKALEE TECHNICAL COLLEGE

2 Workshops (March 1 & 8 2022)

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LOCATION

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A WORLD OF LEAN METHODS & PRINCIPLES TO SHARE WITH MANAGERS & SUPERVISORS
Here are the 2 lean thinking workshops for March from our 10 topic series:

The Total Productive Maintenance And Change Over (Setup) Reduction

Date: March 1, 2022 **Times:** 8:00am – 12:00noon **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- Understand SMED - Toyotas method for reduction of changeover time
- How to take advantage of quick changeover with reduced batch size
- Understand what overall equipment effectiveness is and how to calculate it
- Minimize the bottleneck that causes long lead times
- Understand the basics of Total Productive Maintenance & Autonomous Maintenance

Factory Ergonomics And Employee Safety

Date: March 8, 2022 **Times:** 1:00pm – 5:00pm **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- The definition of ergonomics and its benefits
- Identify parts of the human body which can be injured through poor ergonomics
- Understand poor work layout activities which can lead to injury
- How to identify examples of ergonomic principles that reduce risk of injury
- How to recognize and report signs and symptoms of potential injury early



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Lean Thinking and Implementation Workshop Series For Managers and Supervisors

2 Workshops (March 22 & 29 2022)

**FEE
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A WORLD OF LEAN METHODS & PRINCIPLES TO SHARE WITH MANAGERS & SUPERVISORS

Here are the 2 lean thinking workshops for April from our 10 topic series:

The Root Cause Analysis

Date: March 22, 2022 **Times:** 8:00am – 12:00noon **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- What is the definition of Root Cause Analysis
- Why utilizing Root Cause Analysis is important in your operations
- Examples of Root Cause Analysis in every day life
- What the benefits of Root Cause Analysis are to a business
- How to identify the Root Cause of a problem using the “5 whys”

Problem Solving Analysis Tools

Date: March 29, 2022 **Times:** 1:00pm – 5:00pm **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- List and describe the various quality problem solving tools in use today
- How to describe and apply the use of check sheets in a quality system
- How to use Flow Charting as a visual improvement tool
- Pareto analysis and how it is used in a quality improvement process
- How to use Histograms and Scatter Diagrams in quality improvement



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EXTENSION CAMPUS OF IMMOKALEE TECHNICAL COLLEGE

2 Workshops (April 5 & 12 2022)

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A WORLD OF LEAN METHODS & PRINCIPLES TO SHARE WITH MANAGERS & SUPERVISORS

Here are the 2 lean thinking workshops for May from our 10 topic series:

Standardized Work-Cellular Manufacturing Designs

Date: April 5, 2022 **Times:** 8:00am – 12:00noon **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- The definition and benefits of utilizing Standardized Work
- Lean components and data necessary for developing Standardized Work
- How to create Work Standards for a simple daily activity
- The definition and benefits of cellular manufacturing systems
- Steps for creating cells for various work applications

Six Sigma And SPC Concepts

Date: April 12, 2022 **Times:** 1:00pm – 5:00pm **No Cost:** pp
5:30pm – 9:30pm

What attendees will learn:

- Six sigma history and why the 6 σ methodology is important to problem solving
- The definition and application of the DMAIC cycle
- How to utilize DMAIC methods & principles in your variation reduction projects
- The background of data collection and SPC
- How SPC charting separates common-cause from assignable-cause variation



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