

Lean Manufacturing Practitioner Certification

written by Lauri Moon | January 3, 2025



Lean Manufacturing Practitioner Certification

(5-day, in-person, Williamsport, PA)

This program starts in:



Imagine being able to pinpoint areas within your operations where **resources are being underutilized, or unnecessary steps are slowing down production**. Through practical, hands-on workshops, you'll learn how to systematically improve these processes, leading to **reduced expenses and improved profitability**. The Lean Manufacturing Practitioner Certification is your gateway to **transforming your manufacturing processes and driving significant improvements** in your business. By participating in this certification program, you will gain essential skills to **identify and eliminate wasteful practices, ultimately saving costs and**

increasing efficiency.

Register

Register now for only \$1,795 per person!

Learning Objectives:

This course equips you with the ability to:

- Foster a **culture of continuous improvement** within your organization
- **Understand and apply lean tools** such as value stream mapping, workplace organization, change management, teaming and kaizen methodology
- Learn **collaborative problem-solving** techniques
- **Enhance overall productivity and employee engagement**
- **Turn data into actionable information** in order to quantify problems and prioritize countermeasures



Lean Manufacturing Practitioner Certification Flyer

Program Outline:

Day 1 - May 12, 2025

- Introduction to Lean
- Batch Simulation
- Lean Assessment - Value Stream Analysis
- Project Selection - Lean Team vs. Kaizen

Day 2 - May 13, 2025

- 5S - Sort, Scrub, Shine, Standardize, Sustain
- Managing Constraints
- Load Leveling
- Data Collection
- Single Minute Exchange of Die

Day 3 - May 14, 2025

- Process Flow Design
- Principles of Ergonomics
- Standard Work
- Supermarket Strategy
- Pulling Flow - Kanban

Day 4 - May 15, 2025

- Total Productive Maintenance (TPM)
- Supplier Integration
- Visual Management
- Reporting Results
- Financial Tracking

Day 5 - May 16, 2025

- Creating Implementation Plan
- Communicating Lean
- Continuous Learning of Lean Principles
- Discussion and Q&A

Schedule:

This 5-day (34 hours) program is May 12 thru May 16, 2025. Monday thru Thursday 8:00 a.m. - 4:00 p.m., Friday 8:00 a.m. - 12:00 p.m.

[Register](#)

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Why should you attend?

- Gain knowledge for using **A3 methodologies**, improving team communication, reducing collaboration challenges
- Learn the **value stream mapping** (VSM) process to help you **identify waste, reduce lead times, standardize workflows** keeping costs low and efficiencies high
- Boost team **productivity** by making every minute count, streamlining processes to **reduce waste** and create a **safe workplace** that fosters innovation
- **Improve communication** at all levels of your organization, changing hurdles and obstacles into **opportunities** for change and transition
- Create an **individualized roadmap** linked to your company objectives that **ends frustration** and **misunderstanding** during team efforts

What's included?

- There will be numerous opportunities to network with peers, gain insights from manufacturing operations that are different from your own and build essential skills that will inspire you for improved performance
- You will receive a training manual complete with all materials necessary for the course
- Stylish commemorative award and certificate of completion
- Light breakfast and lunch during session days

Who should attend?

Production or process managers/supervisors, front-line leaders/supervisors, operations managers, quality control leaders, shift leaders, small business owners, and others who want to increase their knowledge of manufacturing methodologies and advance in their profession.



Instructor:



David Athon, President, Athon Group of GA, LLC, has spent most of his career introducing Lean Enterprise principles into manufacturing and transactional environments. He has developed a unique method of integrating Six Sigma and Lean into a single, balanced system. As a certified instructor in both Six Sigma and Lean, David has been educating and consulting since 1996, starting with Lean Enterprise and Continuous Improvement methodologies, adding Six Sigma to his abilities in 2000. As a Master Black Belt, David has held positions in a variety of industries including apparel, metal office furniture, sheet metal, aerospace and commercial air refrigeration.



This program is WEDnetPA eligible.

Click here for additional information on IMC's Lean Manufacturing Practitioner Certification program.

Safety - Lockout Tagout

written by Lauri Moon | January 3, 2025

For several years the Lockout Tagout (LOTO) category has been listed among OSHA's Annual Top 10 Most Cited Violations for General Industry. Controlling hazardous energy with appropriate LOTO procedures and equipment is a life or death situation. According to OSHA, complying with the LOTO standard prevents an estimated 120 fatalities and 50,000 injuries every year. However, based on the number of violations, injuries and even deaths as an industry we still struggle with compliance.

In this free one-hour webinar we will:

- Cover the requirements of 29 CFR 1910.147 Control of Hazardous Energy
- Provide applicable best practices that can be applied immediately to help with compliance
- Discuss some common issues with LOTO programs
- Discuss some methods to ensure your program is compliant

Instructor



This course will be taught by Food Processing Specialist, Janna Hamlett of TechHelp, and the University of Idaho.

[Register](#)

IMC Central PA Lean Roundtable Call

written by Lauri Moon | January 3, 2025

IMC would like to touch base with our “Continuous Improvement Community”, those who have been thru IMC’s lean training programs.

We would like to hear from you and discuss a little about:

- The Current Condition
- The Role of Continuous Improvement Advocates
- Possible Paths for Future Improvement Training and Support from IMC

[Register](#)

Once registered, you will receive login information for the conference call.

IMC Central PA Lean Roundtable Call - Williamsport Group

written by Lauri Moon | January 3, 2025

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- The Role of Continuous Improvement Advocates
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Why Root Cause Analysis is the Cornerstone of Asset Performance Management

written by Lauri Moon | January 3, 2025

Physical assets are capital intensive and for many organizations are considered to be the life blood of their business. No enterprise can expect to achieve peak performance unless these assets reliably perform at optimal levels. To achieve operational excellence your overall Asset Performance Management (APM) strategy

needs to be proactive and effective. Many asset-intensive organizations continue to use break-fix maintenance plans to manage their production assets. Not only does this reactive approach increase cost through increased downtime and lost production, but unplanned shutdowns or failures can lead to environmental health and safety incidents. Good APM has been proven to reduce unplanned downtime, increase asset availability, decrease maintenance costs, and reduce the risk of failure for assets that are most critical to operations.

By including **proactive Root Cause Analysis** (RCA) as a core component of your APM strategy, you can improve:

- Availability – Assets are consistently available to perform
- Reliability – Assets perform their intended function consistently avoiding any operational interruption

This webinar will address the core components of (APM) and how an effective RCA process will support increased asset performance and cost control.

At the end of this webinar you will:

1. Recognize the typical pitfalls/barriers/deficiencies in APM programs
2. Understand how KT Proactive RCA Tools address these typical pitfalls
3. Learn how to build a Collaborative Culture of Continuous Improvement

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Accelerate and Sustain Lean with Today's Digital Plant

written by Lauri Moon | January 3, 2025

Learn how today's digital plant and its connected workforce accelerate and sustain Lean initiatives to drive greater productivity and efficiency, lower cost of ownership, and increase profitability.

Discover how a code-free, centralized environment to aggregate, visualize, and analyze data in context across plant systems facilitates Lean and other programs as well as helps to maintain the momentum from process improvements.

This webinar will include four case studies demonstrating the digital plant in action. With digital technologies and greater insights, you can gain a modern foundation for optimizing operations, improving efficiency, and reducing costs.

Speakers



Ranbir Saini, Sr. Director - Automation, GE Digital

Ranbir Saini is the senior director of product management for Automation Software at GE Digital, which includes the industry-leading iFIX and CIMPPLICITY HMI/SCADA software used by thousands of organizations around the world. Ranbir has nearly 20 years of experience delivering industrial automation, operations management, and media content-creation software to OEM, municipal, and enterprise customers. He has a passion for designing compelling and innovative solutions in the physical and digital space that make a meaningful difference to customers, human experiences, and society. Outside of work, this passion has led him to venture into architectural design such as residential houses and doors as well as having an ongoing pursuit to create the perfect cup of chai.



Steve Pavlosky, Principal Product Manager, Historian, GE Digital

Steve Pavlosky is the Principal Product Manager for GE Digital's Proficy Historian and Data at the Edge program. With more than 30 years serving in automation and industrial data management, Steve is an Industrial Internet pioneer and firm believer in the value and power of data. His career spans the introduction of GE's CIMPLICITY HMI/SCADA software to leading the company's edge-to-cloud connectivity device portfolio. Having worked with hundreds of customers, Steve is passionate about enabling organizations to get the most performance and reliability from their assets - which starts with secure and efficient collection and storage, contextualizing asset data, and distributing data to the users and applications that derive value from the data.

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Kick-Starting Your Modern Maintenance Program

written by Lauri Moon | January 3, 2025

Do any of these sound like you?

- I've got no real maintenance management system. I never have and am intimidated about where to get started.
- I've got a system, but I never got it off the ground and don't feel we get what we need from it.
- I'm making progress, but I would like to further maximize my maintenance operations.

Regardless of where you're at, kick-starting your maintenance is possible. It starts with changing the mindset of your organization – a process that may be easier than you think if you have the right CMMS tools, plan and especially the right partner. Starting with the goal, objective and pain points first, then moving to how technology can solve those problems and put you on a better path is key.

During this discussion, you'll learn:

- A multi-step (crawl, walk, run) plan to ease you into a continuous improvement mode and get away from maintenance firefighting
- What technologies can really help improve your operations
- How to arm yourself with information that you can use with your management to show how modernizing/kick-starting your maintenance department will help with profitability


Speakers



Paul Lachance, Senior Manufacturing Advisor, Dude Solutions

Paul Lachance has spent his entire career devoted to optimizing maintenance teams by enabling data-driven decisions and actionable insights. He wrote his first CMMS system in 2004 and has since spent his professional career designing and directing

CMMS and EAM systems. A regular speaker at national tradeshow, he's been featured at IMTS, Fabtech and SMRP as well as several industry magazines. He currently serves as the Senior Manufacturing Advisor for Dude Solutions.

 **Pete Walker, Production Engineering Manager, Johnson Outdoors Marine Electronics, Inc.**

Pete Walker is the Production Engineering Manager at the Humminbird brand Marine Electronics plant in Eufaula Alabama. He has over 35 years experience in PC Board Manufacturing and electronics assembly covering the Automotive, and Consumer Electronics Industries.

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Maximizing Value from Your Asset Management Strategy

written by Lauri Moon | January 3, 2025

It's critical to get the most value possible from your asset management tools to boost reliability and performance and reduce downtime. **Intelligent Assets Practice Lead Paul Casto of GrayMatter** and **Senior Product Marketing Manager Dan Parker of GE Digital** will discuss how to craft a successful asset maintenance

strategy that balances equipment criticality, predictive and condition-based maintenance and predictive analytics. They will highlight common missteps that can hurt long-term success and detail how **Eastman Chemical** embraced a comprehensive solution that dropped unscheduled downtime by 60 percent, reduced product loss by 40 percent and cut long-term maintenance costs by 10 percent, saving millions of dollars.

Topics Paul and Dan will cover:

- Reliability
- Availability
- Uptime
- Maintenance cost
- Risk of failure
- Unexpected failures
- Scrap (due to equipment)
- Condition-Based Maintenance
- Life of Capital Equipment

Speakers

Paul Casto, Intelligent Assets Lead, GrayMatter

Paul Casto is a top practitioner in reliability and maintenance improvement methodologies. He has hands-on experience in reliability, maintenance, operations and engineering in the steel, aluminum, automotive, chemical, aerospace, consumer goods and construction industries. His areas of focus include: value creation through reliability and maintenance, leveraging reliability to reduce operating cost, the application of advanced reliability tools integrating operations into reliability and maintenance, reliability-based maintenance and shop floor culture change. He has previously worked for GE Digital, Meridium and Eastman Chemical Company.

Dan Parker, Senior Product Marketing Manager, GE Digital

Dan Parker is the Sr. Product Marketing Manager for the Asset Performance Management (APM) solution at GE Digital. With more than 10 years of experience in

the development and commercialization of enterprise application software solutions, Dan focuses on the delivery of APM solutions that enable asset-intensive chemical companies to drive safer, more reliable operations while maximizing performance and lowering costs. In addition to APM, his product experience includes: Manufacturing Execution Systems (MES), and various HMI/SCADA solutions.



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Trends and Strategies Driving Manufacturing Success in 2019

written by Lauri Moon | January 3, 2025

Though the manufacturing sector has seen strong growth over the last few years, recent data indicates some slowing. The inability to attract talent in a tight labor market, rising prices, and trade anxieties are just some of the challenges to growth that manufacturers will continue to face in 2019. Yet at the same time, digital disruption is creating new opportunities for manufacturers as they embrace evolving technologies.

In this webinar, you'll learn about key factors impacting manufacturing's global economic outlook, discover how software solutions and digital technology will play

an increasingly important role in manufacturing in 2019, and get answers to questions such as:


What can manufacturers do to overcome the shortage of skilled workers?

- How will the volatile global economy impact market demand?
- What economic and political issues should manufacturers monitor?
- Will changing regulations call for new strategies and processes?
- Which technology trends and innovations will benefit manufacturers most?
- Are manufacturers ready to invest in digital technology?

Speakers

 **Nick Castellina, Director of Industry and Solution Strategy, Infor**

Nick Castellina is Director of Industry and Solution strategy where he is responsible for marketing messaging and strategic direction in the discrete manufacturing industries. At Infor, Nick interacts with end users to understand their challenges and connects with product management and marketing to support Infor's commitment to delivering focused solutions featuring industry best practices. Prior to Infor, Nick was Vice President and Research Group Director of the Aberdeen Group's Business Planning and Execution research practice. There he worked with software vendors and end users to analyse trends and produce industry-leading content in topics related to Enterprise Resource Planning, Enterprise Performance Management, Project Portfolio Management, and Business Process Management.

 **Chad Moutray, Chief Economist, National Association of Manufacturers (NAM)**

Chad Moutray is chief economist for the National Association of Manufacturers (NAM), where he serves as the NAM's economic forecaster and spokesperson on economic issues. He frequently comments on current economic conditions for manufacturers through professional presentations and media interviews and has appeared on various news outlets, including CNBC. In addition, he is the director of the Center for Manufacturing Research at the Manufacturing Institute, the social impact arm of the NAM, where he leads efforts to produce thought leadership, data

and analysis of relevance to business leaders in the sector.



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Supply Chain Visibility: A New Look

written by Lauri Moon | January 3, 2025

Are you keeping up with the evolution of supply chain visibility?

Many of the world's top supply chain organizations are gaining an understanding of how their supply chain flows are tied to outcomes. As a result, they make better business decisions, stay ahead of problems, and gain new efficiencies.

In this session, you'll see how to:

- Gain actionable insights with an end-to-end view of your supply chain
- Identify new opportunities for supply chain process improvement
- Reduce bottlenecks, while improving profit margins and satisfaction

Speakers

Sean T. Riley, Global Industry Director, Manufacturing & Transportation,

Software AG

Sean Riley is the Global Industry Director for Manufacturing & Transportation for Software AG. Over the past six years, Mr. Riley has been obsessively focused on enterprise digital transformation with a focus on leveraging technologies like IoT, Predictive Analytics, Machine Learning and Intelligent Automation as applied to production, field services, supply chains, logistics and new product development. Prior to joining Software AG in 2011, Mr. Riley has over ten years of experience in the supply chain and logistics fields. In addition to his work experience, Mr. Riley has received a BA in Business Administration from Hanover College, a MBA with Distinction from DePaul University and is a certified Six Sigma Greenbelt. As well as being a continual guest lecturer for DePaul University, Mr. Riley also sits on the curriculum advisory committee for the DePaul Graduate Program for Supply Chain and Operations Management and has been named a Supply & Demand Chain Executive “Pro to Know” for the sixth consecutive year.

Erick Argueta, Vice President, Global Enterprise Solutions, Visual Enterprise Architecture

Erick Argueta is Vice President of Global Enterprise Solutions at Visual Enterprise Architecture. Over the past 15 years, Mr. Argueta has helped numerous clients foster innovation and effectively bridge the gap between business and IT to provide successful results in Global Business Transformation initiatives. Prior to joining VEA, Mr. Argueta was responsible for the management and supply chain operations of a multi-million dollar production facility of infrared sensors. He holds a Masters in Technology Management from the Wharton Business School at the University of Pennsylvania.



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