

# Manufacturers Resource Center

## The MRC Difference

- Our Maintenance Master Certification program is taught by Certified Maintenance and Reliability Professionals (CMRP)
- All sessions will be held at a local manufacturer which will include real-life applications to enhance the learning
- Workshops include hands-on involvement and innovative team approaches for improving equipment effectiveness
- Become part of a maintenance professionals peer group to network and share best practices

MRC training programs can be customized to your company's specific needs and offered at your facility in traditional classroom and "train & do" settings. To learn more, please contact Liz Wildman, Program & Design Specialist at (484) 241-7057 or [liz.wildman@mrcpa.org](mailto:liz.wildman@mrcpa.org)

Funding subsidies may apply. Please contact Diane Lewis at (610) 628-4578 or email her at [diane.lewis@mrcpa.org](mailto:diane.lewis@mrcpa.org) to see if you qualify.



## About the Instructor

Larry Bouvier, CMRP

Vice President, Fuss & O'Neil Manufacturing Solutions

Larry has decades of experience in heavy industrial maintenance as a maintenance technician, plant engineer, maintenance and plant engineering manager and project manager in the steelmaking, foundry, machining, plating, and flexographic printing industries. His focus on personal development, coaching and training of his employees, peers and clients has been instrumental in helping the companies he has worked for and his clients achieve World Class Maintenance by leading and developing maintenance organizations, establishing maintenance best practices and improving processes and equipment reliability. He possesses excellent leadership, organizational and hands-on skills and has done maintenance organization building, shop floor and class room training in TPM, RCM, Maintenance Excellence, Maintenance Skills and Productivity improvements.



# Maintenance Master Certification

## A 6 Part Program to Achieve Maintenance Excellence



In a typical maintenance department, **90%** of jobs are to repair equipment after it breaks down.



Because a reactive maintenance job is **5-10** times more expensive than a proactive job, costs are extremely high.



Our **6** sessions address different topics focused on the critical skills and methods important to world class maintenance.



With each session hosted by **local** manufacturing companies, participants receive real-life, hands-on experience while learning each topic.

*The Maintenance Master Certification training program provides the hands-on skills and strategies to make the switch from firefighting to true Maintenance Excellence.*



Hanover Office Plaza  
961 Marcon Boulevard | Suite 200 | Allentown, PA 18109  
(610) 628-4640 | [www.mrcpa.org](http://www.mrcpa.org)



## MAINTENANCE EXCELLENCE

January 15 –17 , 2019

You need a good step by step plan to take your equipment reliability to the next level. This course will help you to develop a vision and the plan you need to get there, using tools like:

- Total Productive Maintenance
- Maintenance Mapping
- Equipment Condition Coding
- Skills Matrix
- Preventative & Predictive Maintenance
- Planning & Scheduling
- Overall Equipment Effectiveness (OEE) & other useful metrics to help you stay on track

And, Maintenance Managers – Bring your boss and your Production Manager to make it a TEAM effort!



## MAINTENANCE PLANNING AND SCHEDULING

April 23 – 24, 2019

A well planned maintenance job will have a positive impact on both the MTTR (Mean Time to Repair) making the maintenance organization more effective, and the OEE (Overall Equipment Effectiveness) improving the output of the equipment.

Planning and Scheduling is the heart of a successful maintenance program. In this module you will learn the effective strategies utilized by successful maintenance organizations. You will also learn how to use data to drive the scheduling process, and the importance of a Computerized Maintenance Management System. Once you understand how the system is formed, you can then define the Key Performance Indicators to begin to measure your success.

## FUNDAMENTALS OF MAINTENANCE MANAGEMENT

February 19 – 20, 2019

Leading a maintenance organization requires more than technical skill. This course explores the:

- Strategies and tactics required to successfully motivate your staff to grow and excel
- Financial aspects of how you will be able to drive profitability
- Safety and Environmental concerns every manager must successfully navigate
- Systems you can implement that will bring about a culture change from reactive to proactive maintenance
- Methods critical to help keep you and your people organized and optimized
- Technical challenges of your business and how to meet and exceed them



## ROOT CAUSE ANALYSIS FOR MAINTENANCE

May 14– 15, 2019

Are you fixing the root cause of your equipment failures, or just correcting symptoms...only to have the same problem come back again and again?

Executing permanent corrective actions on equipment failures is the pathway from reactive to proactive maintenance and true reliability excellence.

Root cause analysis is a suite of many useful tools, but it takes more than learning what the tools are to make you successful. Our workshop will facilitate actual root cause analyses with your people on your processes and equipment, using the most appropriate tools.

## INTRODUCTION TO PM AND PDM

March 12 – 14, 2019

Reliable equipment is only achievable with a proactive approach. Preventive (PM) and Predictive (PdM) maintenance are the tactical activities companies must embrace in order to achieve this.

This course will teach you how to create world class preventive maintenance inspections, illustrate predictive technologies (and how you can start using them immediately) and create an effective PM & PdM program, optimize existing PMs, and show how to measure their effectiveness.



## THE METHODOLOGY OF TROUBLESHOOTING

June 11 – 12, 2019

Are you maintaining your equipment or repairing it? Do your people change part after part until your machinery can run again?

Do you understand:

- What your equipment is supposed to do and why it is doing it?
- What your equipment is supposed to do and how it should do it?
- Troubleshooting a process requires structured, organized thinking

This workshop will provide you with a logical, multi-step approach to solve equipment failures quickly, efficiently and permanently using real life breakdown scenarios.

\*In the event that sessions need to be cancelled due to inclement weather, the follow makeup days have also been scheduled: January 18, February 21, and March 15, 2019

**\$4,750/person (includes materials, continental breakfast & lunch)**

Early registration \$4,250 by Nov. 16, 2018

**Questions? Please Contact:** Liz Wildman, Program & Design Specialist, (484) 241-7057 or [liz.wildman@mrca.org](mailto:liz.wildman@mrca.org)