

# 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 Nicole Pierce, Training and Events Coordinator at (484) 655-4873 or nicole.pierce@mrcpa.org*

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



## About the Instructor

### Jeffrey Craig, CMRP | Reliability & Maintenance Professional | Fuss & O'Neill Manufacturing Solutions

Jeff has more than 30 years of experience in Engineering and Maintenance Management. A natural leader, Jeff has spent his career training both civilians and military personnel in the art of technical and program management. He is an expert in safety program management and has extensive process improvement experience. As a Reliability and Maintenance Professional for Fuss & O'Neill's Manufacturing Solutions, Jeff works with clients to integrate total process management to improve efficiency, safety, and the bottom line. Jeff is an expert and proponent of TPM (Total Productive Maintenance) and Maintenance Excellence procedures because he has seen, firsthand, the benefits these practices bring. He integrates his practical experience into classes to emphasize real-world applications and to effectively communicate the subject matter. He focuses on individualized client attention and recognizes that an off-the-shelf approach is never an option.



**Questions? Please Contact:** Nicole Pierce, Training and Events Coordinator, (484) 655-4873 or [nicole.pierce@mrcpa.org](mailto:nicole.pierce@mrcpa.org)

# 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.*



7200A Windsor Drive | Allentown, PA 18106  
(610) 628-4640 | [www.mrcpa.org](http://www.mrcpa.org)



## MAINTENANCE EXCELLENCE

January 10 – 12, 2023

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

Maintenance Managers: Bring your boss and your Production Manager to make it a TEAM effort!



## MAINTENANCE PLANNING AND SCHEDULING

April 4 – 5, 2023

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 14 – 15, 2023

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 9 – 10, 2023

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 7 – 9, 2023

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 13 – 14, 2023

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 that 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.