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.**

**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.

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**Questions? Please Contact:** Liz Wildman, Program & Design Specialist, (484) 241-7057 or liz.wildman@mrcpa.org
The Methodology of Troubleshooting
June 9 – 10, 2020

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.

Root Cause Analysis for Maintenance
May 5 – 6, 2020

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.

Maintenance Planning and Scheduling
April 7 – 8, 2020

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.

Introduction to PM and PdM
March 3 – 5, 2020

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.

Fundamentals of Maintenance Management
February 11 – 12, 2020

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

Maintenance Excellence
January 21 – 23, 2020

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!

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