

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.

Become part of this maintenance professionals peer group to network and share best practices!



NWIRC Training and Employee Development
www.nwirc.org/event

NWIRC 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 Robin Keller, Training and Events Coordinator at (814) 217-6068 or rkeller@nwirc.org



Maintenance Master Certification

A Six Part Program to Achieve Maintenance Excellence



In a typical maintenance department, **90%** of jobs are reactive 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 **six** sessions address different topics focused on the critical skills and methods needed to achieve proactive, world-class maintenance.



Each session is hosted by a **local** manufacturer, providing participants hands-on experience while applying real-life concepts to each topic.

*The **Maintenance Master Certification** training program provides your Maintenance Team with the skills and strategies to make the switch from costly, unplanned downtime to true forward-thinking Maintenance Excellence.*

January-June 2024



MAINTENANCE EXCELLENCE

January 23-25, 2024

You need a good step-by-step plan to take your equipment reliability to the next level. This session 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

Who should attend? All of Maintenance Managers and Personnel, as well as Operations and Production Managers to make it a TEAM effort!

FUNDAMENTALS OF MAINTENANCE MANAGEMENT

February 20-21, 2024

Leading a maintenance organization requires more than technical skill. This session 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

INTRODUCTION TO PM AND PdM

March 19-21, 2024

Reliable equipment is only achievable with a proactive approach. Preventive Maintenance (PM) and Predictive Maintenance (PdM) are the tactical activities companies must embrace in order to achieve this. This session will teach you how to create world-class Preventive Maintenance inspections, illustrate predictive technologies (and how you can start using them immediately) create an effective PM and PdM program, optimize existing PMs, and show how to measure their effectiveness.

\$5,400/person

(includes materials, continental breakfast & lunch)

Early registration \$4,900 by Nov. 15, 2023



MAINTENANCE PLANNING AND SCHEDULING

April 16-17, 2024

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 session 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.

ROOT CAUSE ANALYSIS FOR MAINTENANCE

May 21-22, 2024

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.

THE METHODOLOGY OF TROUBLESHOOTING

June 18-19, 2024

This workshop will provide you with a logical, multi-step approach using real-life breakdown scenarios to quickly, efficiently, and permanently solve equipment failures. In this session, participants will learn how to optimize equipment by understanding:

- 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.
- A structured troubleshooting process that utilizes organized thinking

**Register with Robin Keller at:
rkeller@nwirc.org or (814) 217-6068**