

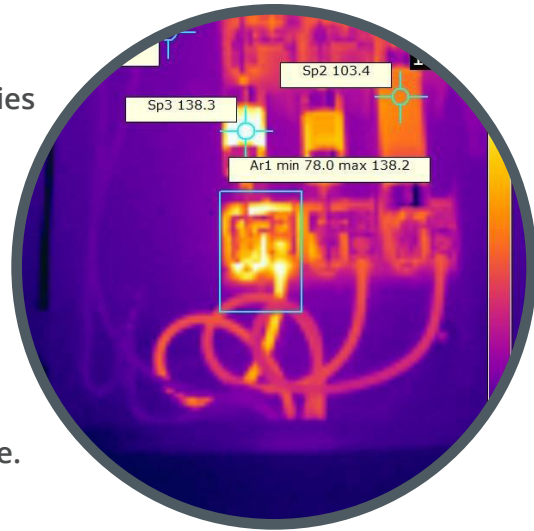


Introduction to Preventative and Predictive Maintenance

March 19-21, 2024

Preventive and predictive practices are proactive maintenance actions that forward-thinking companies use to establish a pathway for reliable equipment.

This hands-on course will teach how to create a preventive maintenance inspection program and to integrate predictive technologies. This course will demonstrate how to optimize existing preventative and predictive maintenance programs and measure their effectiveness. Participants will take with them practices and solutions to optimize equipment usage.



About the Instructor



Jeffrey Craig, CMRP, MS
Reliability & Maintenance Professional
Fuss & O'Neill Manufacturing Solutions, LLC

Jeff has more than 20 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.

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Participants will learn how to create basic preventative maintenance tasks, select and use basic predictive maintenance tools (ultrasound and infrared), build inspection routes, and develop a performance feedback model to help them optimize and continually improve machine performance and life.

- A. Moving from Reactive to Planned Maintenance
- B. What is preventative maintenance?
- C. What is predictive maintenance?
- D. Predictive Maintenance Technologies and Systems
- E. Standard Inspection Tasks
- F. Prioritizing Equipment for Planned Maintenance
- G. Using Data to Optimize Planned Maintenance
- H. Using Precision Corrective Maintenance to Permanently Resolve Failures
- I. Measuring and Influencing the Success of Preventative and Predictive Maintenance

