



# Equipment Troubleshooting

June 18-19, 2024

Minimizing waste to keep equipment running improves profitability. Troubleshooting equipment failure quickly, effectively, and permanently drives overall equipment effectiveness and improves your bottom line.

Participants will learn to identify and correct root causes rather than symptoms, helping them to permanently resolve acute, chronic, and intermittent failures.



## 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 learn the steps to methodically and permanently correct equipment failure. The class draws on shop floor and role-playing exercises to simplify equipment and systems into their elements, which leads to permanently resolving equipment failure.

- A. Maintenance Success and Troubleshooting
- B. Preparations for Troubleshooting
- C. Assessing Situations
- D. Describing Problems
- E. Gathering Evidence
- F. Reproducing Symptoms
- G. Eliminating Obvious Problems
- H. Determining the Root Cause
- I. Performing Repairs Correctly, the First Time
- J. Testing and Validation
- K. Celebrating Accomplishments
- L. Prevention: the Best Troubleshooting Technique
- M. Pulling It All Together

