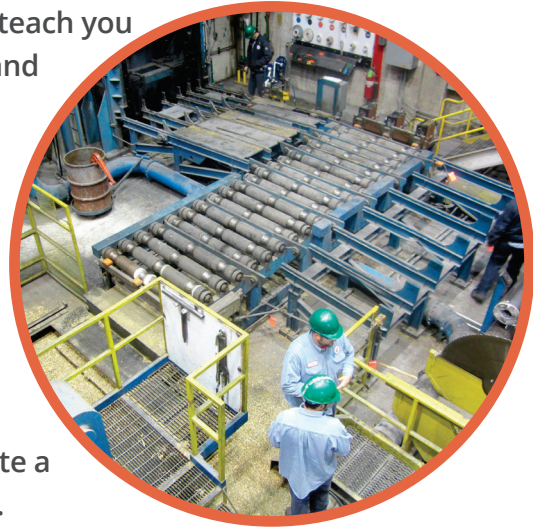




# Introduction to Maintenance Excellence

Strong yield comes from a strong plan. This class will teach you how to improve equipment/employee performance and to reduce maintenance costs. Students will learn the *system behind the systems* to understand workplace methodology. Upon this foundation we will help you customize a maintenance program that ensures safety and quality, while minimizing cost.

Critical thinking skills garnered by learning proper analysis generate long-term benefits. Students will constantly seek, and implement, innovative ways to increase efficiency. This continuous learning will create a living plan that will grow with your growing company.



## 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 the elements of a world-class maintenance program that ensures great performance in the areas of safety, quality, delivery, and cost. Students will develop vision, plans, and strategies to improve equipment performance, enhance employee capabilities, and reduce maintenance costs.

- A. Introduction/Objectives
- B. What is Maintenance/Why Perform Maintenance
- C. Developing a Maintenance Vision
- D. Prioritizing Work
- E. Identifying Critical Equipment
- F. Evaluating Critical Equipment
- G. Maintenance Skills - What Skills Are Required
- H. Maintenance Waste Mapping
- I. TPM/Zero Equipment Stoppages - What Does The Equipment Need To Be Reliable
- J. What is Reliability - Failure Modes
- K. Condition-Based Maintenance and PM Optimization
- L. Predictive Maintenance
- M. Planning and Scheduling
- N. Barriers to World-class Maintenance
- O. Maintenance Metrics
- P. Develop Plan and Strategy

