

Root Cause Failure Analysis and



Start Date: 3/8/2019 8:00 AM

End Date: 3/8/2019 4:30 PM

- &middledot; Learn a practical approach to troubleshooting and problem-solving
- &middledot; Gather basic problem solving techniques such as fishbone diagrams, flowcharts and checksheets
- &middledot; Understand the “5-Why” technique, the positives and pitfalls, and the best way to use it to find the root cause
- &middledot; Learn and implement error / mistake proofing systems/tools
- &middledot; Gain teamwork skills working on solving class exercises
- &middledot; Reduce downtime and prevent recurrences of failures by standardizing troubleshooting and problem solving methods

- &middledot; Differentiate between Root Causes of a Problem and Symptoms.
- &middledot; Learn a structured way of Troubleshooting and Problem Solving for Maintenance
- &middledot; ERIC (Examine, Repair, Investigate, Correct)
- &middledot; 5 “M”s of a Process (and breakdown)
- &middledot; Troubleshooting Charts, Flowcharts
- &middledot; Investigation tools:
 - o Gather and Analyze the Numbers (Data)
 - o Five “Why”
 - o Brainstorming and Cause-And-Effect Diagrams
- &middledot; Correct Problem
- &middledot; Prevention Systems
- &middledot; Error Proof/Mistake Proof
- Communicate

Location(s)

Gadsden ATN Center
401 Korner St
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