

ACM Root Cause Analysis Program

Rapid Fire RCA[®] is a structured approach to rapid problem solving. The process breaks down specific, focused problems into causal chains and creates a visual map of everything that contributes to the problem being analyzed. Rapid Fire RCA[®] allows people in small groups to quickly follow a structured approach to analyzing and eliminating a problem.

Outcomes of Course:

- Participants will be able to use a structured approach to problem analysis and solution creation
- Participants will be able to apply Rapid Fire[®] RCA to a work related problem
- Participants will be able to use a variety of data gathering techniques
- Participants will understand how to work in a small problem solving team

Course Outline:

DAY 1:

Module 1 - Introduction

- Class structure
- Workbook review
- Applications

Module 2 - Collection

- Forming Teams
- Gathering Data
- Exercises

Module 3 - Analysis

- Why-Why Method
- Causes
- Cause Chains
- Rapid Fire Why – Why Exercises

Module 4 - Solution

- Corrective Action Types
- Brainstorming
- Solution Ranking
- Testing
- Exercises

Module 5 - Assessment

- Effectiveness

Module 6 – Practical Application

- Practical Problem Solving –
Application to the Workplace