

## Root Cause Analysis Workshop

**Course Title:** Root Cause Analysis Training - Effective Root Cause Analysis

**Prerequisites:** None

**Class size:** This workshop is designed to accommodate 12 participants.

**Class length:** 16 hours.

During this two-day workshop you will learn the core skills of the **Cause Mapping** method. This workshop provides valuable problem-solving skills that you can immediately apply within your organization. The Cause Mapping method is a simple, objective, evidence-based approach for breaking any issue into its cause-and-effect relationships so that everyone sees the same, accurate information.

### **You Will Learn How To:**

- Analyze problems thoroughly and effectively
- Be more effective when solving problems in a group
- Communicate complex issues visually and verbally
- Take the emotion, opinion and speculation out of problem solving
- Develop a process/systems approach to managing your operations
- Anticipate problems to prevent them from occurring
- Frame each problem as an opportunity to learn and improve
- Outline problems in the context of the overall goals
- Prioritize problems more efficiently and objectively

### **Cause Mapping Approach**

Cause Mapping is an extremely effective "systems thinking" approach to root cause analysis that significantly improves communication in group problem solving. In the Cause Mapping workshop, participants will learn that problem solving is about identifying and eliminating specific causes. The simple three-step process benefits people at all levels in an organization by creating a visual picture, the Cause Map, of how to prevent past problems for the purpose of improving performance. This Cause Map is a simple, visual tool for capturing these specific causes and making the information available throughout an organization.

*This workshop teaches individuals and groups how to analyze, document, communicate and solve problems effectively.*

## **Applications**

The Cause Mapping process is based on pure cause and effect analysis and can be applied to any type of problem. Some examples include:

- Equipment failures
- Mechanical failures
- Electrical failures
- Hydraulic failures
- People issues
- Production losses
- Safety incidents
- Work process deficiencies
- Customer service problems

### **Each attendee will receive:**

Each attendee will receive the - Effective Root Cause Analysis workbook containing all of the Cause Mapping concepts, steps, examples and exercises that are covered in the two-day workshop. All attendees will also receive the electronic Microsoft Excel Cause Mapping templates.