



## Your Competition Uses Reliability Engineering Principles. Do You?

This course is designed to teach the principles of improving asset management and maintenance decision making using proven reliability engineering principles. Our industry-savvy instructors will teach you how the application of reliability fundamentals improves equipment reliability in the manufacturing and process environments. You will also come away from this course with the knowledge of when and how to use the principles of reliability engineering to prevent equipment failures.

### YOU WILL LEARN:

- How to convey the principles of reliability engineering to others in your organization
- Important terms and definitions in reliability statistics and Failure Reporting, Analysis, and Corrective Action System (FRACAS)
- How to apply reliability statistics to improve asset management
- What the Life Cycle Costing (LCC) philosophy is and how to perform LCC analysis
- The importance of Reliability Centered Maintenance (RCM) and RCM terminology and philosophies
- Three methods of Root Cause Analysis (RCA)
- The basic principles of Predictive Maintenance (PdM) inspections
- The components of Human Factors Engineering in reliability
- The fundamentals of Event and Causal Factor Mapping for incidents and failures



*RMIC® Approved Course*

### TARGET AUDIENCE:

- Maintenance Managers
- Reliability and Maintenance Engineers
- Top Level Maintenance Technicians
- Production Managers
- Plant Engineers
- Anyone involved in Reliability strategies or methodologies

### COURSE DURATION

3 Days

### COURSE DELIVERY

This course is offered in both public and private settings. Virtual delivery options available.