



## Apply the Power of CM and Gain Control of Your Equipment

This course is designed to teach the fundamental principles of the five predictive technologies most prevalent in the industry today: vibration analysis, infrared thermography, airborne and structure-borne ultrasonics, oil analysis, and motor circuit analysis. Upon completion of the course, attendees will have an understanding of the capabilities of the technologies along with the common traps that may be encountered during application.

### YOU WILL LEARN:

- The principles of Condition Monitoring (CM) and why it is so powerful
- The real purpose of CM and what it provides the organization
- The common language of CM - key terms and definitions you should know
- The value of CM program integration into an overall reliability plan
- How to select the CM technology based on failure modes to be covered
- What quartile coverage is and how it is used
- How to identify mechanical, electrical, and stationary failure modes using CM technologies
- The common traps of each CM technology
- What sensory inspections are and their value in a CM route
- What an asset health matrix is and how to use it
- How to evaluate your CM program
- How much CM is enough - what you can learn from Best Practice organizations and benchmarks
- What CM program standards should be in place

### TARGET AUDIENCE:

- Managers
- Engineers
- Planners
- Craft - Mechanical and Electrical
- Supervisors responsible for metrics, tracking, and use of information generated by CM programs

### COURSE DURATION

3 Days

This course is offered in both public and private settings.

