

# Predictive Maintenance Program Development Training Course Content

## Day 1 – Predictive Maintenance

- Machinery Failure
- Machinery Reliability
- Using the P-F Interval on Degradation Curves
- Selecting Predictive Maintenance Strategies for Equipment
- Using Equipment Failure Data
- Understanding the Probability of Failure
- Identifying Components and Assemblies on which to use Predictive Maintenance
- Using Reliability Centered Maintenance for Predictive Maintenance Strategy Selection

## Day 2 – Condition Monitoring

- Collecting Machine Condition Data
- Setting CM Inspection Frequency
- Condition Monitoring Techniques
- Selecting Suitable Condition Monitoring Hardware
- Analysing Condition Monitoring Data
- Tracking and Trending Machine Condition
- Implementing a Condition Based Maintenance Program
- Monitoring Your CM Program
- Improving Your CM Program
- Remove the Causes of Failure