Precision Maintenance Program

This 5 day course (40 hours) is designed to provide students with a basic overview/understanding of precision maintenance that goes beyond preventative and predictive care. Precision maintenance is comprised of 14 principles that teach maintenance employees how to proactively eliminate defects and failures from a company’s tools and equipment.

This course covers...

- The 14 Principles of Precision Maintenance
- Precision Measurement
- Understanding & Measuring Vibration
- Pipe Strain
- Fits & Tolerances
- Fastening & Torqueing
- Keys & Keyways
- Precision Alignment
- Thermal Growth
- Belts & Chains
- Introduction to Tribology
- Couplings
- Bearings
- Thermography
- Record Keeping & Its Importance
- Predictive Maintenance
- Critical Maintenance Points
- Maintenance Strategy & Risks
- The Cost of Unplanned Maintenance

This course is intended for students that have the following skills or experience:

- Basic knowledge of equipment maintenance
- Experience handling/operating precision tools
- A working knowledge of computers and typical office productivity software

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