



Precision Maintenance Program

This 5 day program (40 hours) is designed to provide students with a basic overview and 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