Advanced Manufacturing Institute

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

Tim



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



POLK STATE Corporate College

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Polk State College is committed to and encourages equal opportunity/equity/access for its programs, services and activities.