

# 4-DAYS of HANDS-ON TRAINING



## PRECISION MAINTENANCE SKILLS 1

“REDUCING COMMON ASSEMBLY ERRORS TO EXPONENTIALLY EXTEND EQUIPMENT LIFE”

**BEAUMONT, TX | OCTOBER 28-31**

**LEARN HOW TO EASILY DOUBLE OR TRIPLE ROTATING EQUIPMENT LIFE** by making vibration much lower through the elimination of common assembly errors & adherence to rigid precision installation, rebuild, & maintenance standards which we will show you how to achieve with little or no extra down time.

Participants will disassemble, reassemble, correct defects, perform precision alignment for both in-line coupled & v-belt driven machines, and measure the noticeable improvements as common field & shop assembly errors are eliminated from our running and static simulators. Course Objectives include:

- Understand what Precision Maintenance is & how to achieve w/o extra downtime
- Identify & avoid common assembly errors
- Basic Bearing installation problems & corrections
- Correct common fit & tolerance problems
- What is good, fair & bad vibration & how it affects equipment life
- Lower vibration & exponentially improve MTBF
- How to significantly improve & retain balance
- Improve “status-quo” alignment standards & achieve precision alignment
- Create smooth running belt drives
- Reduce energy consumption by 5%, 10% or more on most equipment
- Learn common lubrication errors & how to avoid

**RECOMMENDED AUDIENCE:** Maintenance and Construction Craftsmen, Apprentices, Front-line Supervisors, Project & Reliability Engineers, Maintenance Managers, & Superintendents, Operations Personnel and significant others implementing plant reliability improvement.

**\*Certificate Issued upon course completion**

**LOCATION** LAMAR INSTITUTE OF TECHNOLOGY  
MULTI-PURPOSE CENTER- MPC 172  
802 E LAVACA STREET  
BEAUMONT, TX

**DATES /TIMES** MON 10/28 - THURS 10/31  
8:00 AM - 5:00 PM (CST)

**COST** \$ 2,950.00 / PER SEAT

\*Light Breakfast & Full Lunch provided daily



**REGISTER / QUESTIONS CONTACT:**

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[www.PrecisionMaintenance.com](http://www.PrecisionMaintenance.com)