

COORDINATE MEASURING MACHINE



COURSE OVERVIEW

Introduction to coordinate measuring machine; the applications and importance of this machine in industry. Includes the operation of CALYPSO measuring software, types of windows & CALYPSO functions. Stylus arrangement and stylus qualification. Alignment of the work part in the measurement process, probing strategies and measurement of various geometric elements by using automatic and manual probing.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Operate the CMM with application of CALYPSO measuring software
- Perform basic stylus qualification and part alignment
- Perform measuring processes by using various types of geometric elements.
- Perform automatic measurement by using Automatic Measuring Run

THE UNIQUENESS OF THIS COURSE

- The practical training approach is based on demonstration and hands on exercise
- Experienced trainers in the field of CMM applications and quality assurance.

WHO SHOULD ATTEND

This course is designed to those who are working in parts inspection and quality control.

Target Group: Quality Engineer, Design Engineers, Tooling Engineer, Quality Inspector and Technician.

KEY TOPICS

- Introduction to CMM
- Operation of CALYPSO Measuring Software
- Stylus Arrangements
- Stylus Qualification
- Mathematical Alignment
- Measurement of Geometrical Elements
- Automatic Measuring Run
- Offline Programming
- Practical Exercises

METHODOLOGY

Lectures, discussions, exercises & practical applications.

COURSE DURATION

4 Days

PRE-REQUISITE

Basic knowledge in QC techniques.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

For further details, please contact:

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