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Basic UCC Server

DESCRIPTION

The course will cover the fundamentals of operating UCC server

LEARNING OBJECTIVES

- Navigate UCC server and understand the interface with the CMM
- Importance and editing of the Ref Tool
- Locating and editing the calibration sphere
- Building probes and components
- Qualifying probes
- Creating new angles
- Hardware specific protocols (PH10, PH20, REVO, etc.)

PREREQUISITES

Basic computer usage

INCLUDED IN THE TRAINING:

- 4 hours of instructions and exercises
- Certificate of Attendance

COURSE OUTLINE

Day 1

- Intro to UCC Server
- Editing the Ref Tool
- Lab – Ref Tool
- Calibration Sphere
- Lab – Locating the sphere
- Building a tool
- Qualifying a tool
- Creating additional probe rotations
- Lab – Building a viable probe and qualifying multiple angles

MEET THE INSTRUCTOR

Rob Bushong, your training instructor, brings 12 years of expertise in dimensional inspection services, along with an additional 10 years in various manufacturing sectors. He has extensive hands-on experience with technical drawings and measured parts across diverse industries such as precision machining, injection molding, stamping, and casting. Rob is also skilled in measurement data analysis, working with both rigid and non-rigid parts of various shapes and sizes, including standard geometries and free-form surfaces. He holds AUKOM Metrologist and GD&T Senior certifications and is well-versed in GD&T concepts. Notably, Rob successfully completed his GDTP Senior certification exam in June 2025 (S09-18996).