

ZEISS CALYPSO Advanced Training Training Schedule



Prerequisites <ul style="list-style-type: none">▪ CALYPSO Basic Training	Information about <ul style="list-style-type: none">▪ Training schedule▪ Training content
Review <ul style="list-style-type: none">▪ Questions from the basic class▪ Questions from the practical use	Offline programming with CAD functions <ul style="list-style-type: none">▪ CALYPSO configuration▪ Simulation on the CMM or the offline PC▪ Optimized programming with pre-settings▪ Strategy settings▪ Styli settings▪ Programming on CAD model▪ CAD import and resources
Coordinate systems <ul style="list-style-type: none">▪ Alignment with offset plane▪ 3D Best Fit▪ RPS best fit method▪ Creating a base alignment as per DIN ISO 5459▪ Start system▪ Geometry Best Fit	Measurement methods, Part 1 <ul style="list-style-type: none">▪ Gauss, Minimum, Tangential elements▪ Filter and outliers▪ Form test▪ Different scanning procedures▪ Editing methods Calculations, operations and evaluations <ul style="list-style-type: none">▪ Recalls▪ Special calculations▪ Introduction to form and position
Extended programming functions <ul style="list-style-type: none">▪ Patterns▪ Linear pattern▪ Circular pattern▪ True position on circular pattern▪ Pattern measurement as per DIN 3960▪ Result element▪ Formula▪ Relatively positioned probing's	Stylus systems and accuracy <ul style="list-style-type: none">▪ Automatic qualification▪ Special styli▪ Styli monitoring▪ Holder position functions▪ Analyzing measurement inaccuracies
Measuring methods part 2 <ul style="list-style-type: none">▪ Scanning with unknown contour▪ Scanning with 2 styli▪ Point masking in open scanning paths▪ Self-centering probing▪ Safety Cube▪ Park position▪ Missing bore	Exercises Contacting ZEISS <ul style="list-style-type: none">▪ Contacting the hotline, forms