



**ST-MOT-03
CAM, GEAR, & COORD MOTION
FULL DAY**

THIS CLASS INCLUDES

USING MAG INSTRUCTION
USING MAPC INSTRUCTION
USING MCCP INSTRUCTION
USING MAOC INSTRUCTION
XY & XYZ COORDINATE SYSTEMS
USING MCLM & MCCM
CNC

HANDS-ON PRACTICE

INSTRUCTOR LED DEMOS

PREREQUISITES

BASIC KNOWLEDGE OF WINDOWS OPERATIONS
KNOWLEDGE OF STUDIO 5000 LOGIX & INTEGRATED MOTION CONTROL

SUMMARY

PARTICIPANTS WILL EXPLORE ADVANCED COORDINATED MOTION COMMANDS THAT ENABLE USERS TO SYNCHRONIZE MULTIPLE AXES IN VARIOUS CONFIGURATIONS FOR DIVERSE APPLICATIONS. THEY WILL GAIN KNOWLEDGE OF ELECTRONIC GEARING AND CAMMING, AS WELL AS THE USE OF CARTESIAN COORDINATE SYSTEMS FOR CONTROLLING MULTI-AXIS MECHANICAL SYSTEMS SUCH AS GANTRIES AND DELTA STYLE ROBOTICS. THIS CLASS IS IDEAL FOR ENGINEERS, TECHNICIANS, AND AUTOMATION PROFESSIONALS WHO WORK WITH MULTI-AXIS MECHANICAL SYSTEMS, SUCH AS GANTRIES AND DELTA-STYLE ROBOTS.



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