



AUTOMATION | ELECTRICAL
DATA COMM & SECURITY
INDUSTRIAL & SAFETY
FLUID POWER | SOLUTIONS

AUTOMATION

TUES. OCT. 23 -
WED. OCT. 24
8 AM - 5 PM

SMC SPRINGFIELD
509 N. WASHINGTON
SPRINGFIELD, MO 65806

COURSE NUMBER CCN130

MOTION CONTROL FUNDAMENTALS

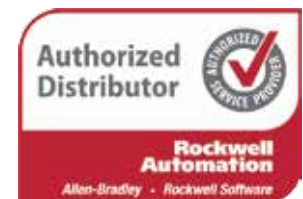
TRAINING EVENT

Upon completion of this course, you should be able to demonstrate fundamental motion control concepts common to all Rockwell Automation motion control systems.

This course is designed to provide you with an understanding of the concepts, terminology, functionality and applications of motion control. In addition, you will also learn how motion control applications function using the concepts and principles discussed in each lesson.

This course will allow you to establish the strong essential foundation you need before learning the skills necessary to maintain and program motion control systems.

This course does not address motion control system design or specific motion control software programming. If you are seeking training in these areas, you should enroll in the relevant Rockwell Automation training courses, making sure you have fulfilled the prerequisites for those courses prior to enrollment.



+ HANDS-ON

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of hands-on exercises.

COST

\$1,875
Includes Lunch Each Day

REGISTER

To register, contact Brandy Meeker by phone or email at bmeeker@smcelectric.com by Tuesday, October 16.

Day 1

- Identifying Servo Motion Elements
- Tracing the Power Supply Circuit
- Creating a Motion Profile
- Identifying and Applying a Reference

Day 2

- Identifying Motion Drive Elements
- Tracing Signal Flow Through the Drive Control Module
- Identifying Motor Types and Components
- Identifying Feedback Devices
- Identifying and Scaling Loads