SMC SM

OUR KNOWLEDGE IS YOUR POWER

AUTOMATION | ELECTRICAL
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FLUID POWER

AUTOMATION

TUES. MAR 1 -
WED. MAR 2
8 AM - 5 PM

SMC JOPLIN
923 W. 4TH ST.
JOPLIN, MO 64801

COURSE NUMBER CCN190-LD

STUDIO 5000 LOGIX DESIGNER® LEVEL 5: ADVANCED MOTION PROGRAMMING

TRAINING EVENT

This course is intended to provide you with the skills to configure and program Logix5000™ applications specifically for integrated motion control functionality using ladder logic, including SERCOS motion control technology.

Building upon the skills gained in Studio 5000 Logix Designer Level 3: Project Development and Studio 5000 Logix Designer Level 4: Kinetix 6000 (SERCOS) Programming, you will learn how to apply advanced programming skills, including tuning with Motion Analyzer software, advanced camming techniques, coordinated motion, and add-on instructions for motion applications.

Because all Logix5000 products share common features and a common operating system, you will be able to apply the configuring and programming motion control skills learned in this course to any of the Logix5000 controllers that are capable of motion control.

RA Authorized Service Provider
A ROCKWELL AUTOMATION PARTNER

+ 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

REGISTER

To register, contact Suzan McPherson at smcpherson@smcelectric.com by Friday, February 4.

COURSE NUMBER CCP146

PREREQUISITES

- Ability to perform basic Microsoft Windows tasks
- Completion of course #CCP143 or equivalent knowledge of or experience with basic ladder logic programming
- Completion of course #CCN145 or equivalent experience

SCHEDULE

Day 1

- Tuning a Servo Axis with Motion Analyzer Software
- Programming Event Driven Tasks
- Programming Output Cam Instructions
- Calculating a Cam Profile

Day 2

- Programming Coordinate Instructions
- Programming Motion Add-On Instructions
- Developing a Motion Control Project Using the Power Programming State Model
- Programming Coordinated Move Transform Instructions in a Pick and Place Application