



2024 Motion Headquarters

An Introduction to the World of Motion Control

Including a hands-on lab with Rockwell Automation's Kinetix Motion Control products.

Looking to improve your production metrics? Join ES&E and Rockwell Automation to learn how motion control can simplify machine designs, enhance system flexibility, and increase overall performance. Have you never used Rockwell Motion Control or are unsure if you can benefit from it? Perfect—this seminar is for you!

Seminar Topics

- **Physics and Motors for Motion** - Discover how motors and motion power our world with linear motors, actuators, and gearboxes.
- **Sizing your Servo system** - Uncover ways to enhance system performance and cut costs with expert tips on servo system sizing.
- **Application Considerations** - Optimize product selection and safety with a guide to drive and motion system applications that includes encoders and braking.
- **Program Considerations** - Learn about network architectures, managed and unmanaged switches and Logix controllers for seamless automation.
- **Installation Best Practices** - Discover how grounding and bonding, panel layouts, wire segregation, harmonics, EMI mitigation, and environmental factors impact equipment performance and longevity.

Demo and Hands-On Lab Topics

- Motion & Tuning
- Gearing & Camming
- Kinetix 5300 & 5700 Servo Drives

Held Two Days!

June 4 or June 5
Register for either day!

ES&E Apex
1000 Classic Rd
Apex, NC 2783

8:30AM - 2:00PM
Lunch Included

Instructor
Tsungshun Tu
Mechatronic Technology
Consultant at Rockwell
Automation



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code to
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