



# TECHNICAL SUMMER CAMP

A hands-on automation training series of five technical sessions on **PLC, Safety, Motion, Drives and Networking**. Each day is a different topic and presented twice, so choose a morning or afternoon session. Whether you come for a day or all week, our camp counselors will prepare you with skills that will last a lifetime!

SESSION 1  
**8:30 to 12:00**

LUNCH/SERVICES PRESENTATION  
**12:00 - 1:00**

SESSION 2  
**1:00 to 4:30**

DAY 1



## PLC Basics & Troubleshooting

Learn the fundamentals of PLC operation through hands-on exercises. In this session, participants will connect to a processor, upload and download programs, build a motor latching circuit in ladder logic, and practice troubleshooting common automation issues.

DAY 2



## Safety & IO-Link Smart Devices

This hands-on session introduces both machine safety systems and smart sensor connectivity. Participants will configure GuardLink devices, set up CIP Safety communication, wire and troubleshoot safety relays, and learn how to configure and diagnose IO-Link masters and devices.

DAY 3



## Armorkinetix and the Future of Integrated Motion

Learn how modern integrated motion technologies are simplifying machine design and improving performance. This session covers motion product upgrade paths and introduction to Armorkinetix.

DAY 4



## PowerFlex 755TS Basics

Gain hands-on experience configuring and troubleshooting a PowerFlex 755TS drive. Participants will explore the hardware, connect to the drive using Connected Components Workbench, review key parameters, and practice troubleshooting common drive issues.

DAY 5



## Stratix 5200 Network Switch Out-of-the-Box setup

Gain hands-on experience setting up a Stratix 5200 industrial network switch. This session covers connecting to the switch, running the Express Setup Wizard, and troubleshooting common networking issues.

## Hosted at three ES&E locations

**Week 1 • July 13 - 17**  
1812 E Wendover Ave,  
Greensboro, NC 27405

**Week 2 • July 20 - 24**  
147 Red Iron Rd,  
Rocky Mount, NC 27804

**Week 3 • July 27 - 31**  
1000 Classic Rd,  
Apex, NC 27539

[Click here to register now](#)

