

# BECOME A... **BEXPERT**

Engaging, hands-on training for those wishing to gain expert level knowledge of BECK robotic systems. Designed for technicians, dig deeper into what makes our robots run like clockwork, *and what makes them not!*

**On our IN HOUSE work-cell:** troubleshoot REAL fault conditions, master quick and easy label tuning, and work with *real* components on a *real robot!* One-on-one attention without the distractions of production or ANY RISK to production equipment!

**In our HIGH TECH classroom:** gain proficiency at our North American Service Center located in Greensboro, North Carolina, conveniently near Piedmont International Airport with multiple local hotels and restaurants.

Classes are offered as a three-day typical course, supporting up to **FIVE** technicians as once! Complimentary drinks/snacks, lunch provided each day, and all supplies for the course **INCLUDED!**

## Typical training itinerary:

### Day 1 –

- *Arrival and introductions, meet the BECK, INC. team and the USA branch office*

#### **BECK 101**

- *Learn about the company and what we do, safety structure of our machines, the machines basic anatomy, and basics of the IML process*

#### **INTO THE HMI**

- *HMI Overview, elements of the parameters, the CRITICAL positions that everyone should know, and more!*

#### **FROM “0” to AUTO**

- *Overview of our in-house machine, setting up the machine for production, and overview of proper setup!*

## Day 2-

### Basic Preventive Maintenance

- *Introduction to proper preventive maintenance of the systems*

### Advanced Maintenance

- *Introduction to electrical cabinet and components, reading electrical schematics, pneumatic operation and more!*

### Advanced HMI Operations

- *Backups, Servo setup, advanced optimization functions, and more!*

## Day 3–

### HANDS ON Troubleshooting

- *HANDS ON troubleshooting, including simulated scenarios of finding ethercat issues, improper servo positions, bad sensors, wiring failures, mechanical issues and more!*

### HANDS ON Maintenance

- *HANDS ON maintenance including servo motor replacement, belt tensioning, cable replacement, and more! REAL WORLD maintenance!*

### HANDS ON Set-up

- *HANDS ON setup of the machine, from parts on the floor to a running machine! From alignment to recipe creation, all you need to know!*

### Wrap-up

- *Course wrap up, prize giveaways, and departure...as a new BeXpert Tech!*

### CUSTOM QUOTES AVAILABLE!!

- Want an “all inclusive” experience, WE CAN DO IT!
- Want a training experience catered to YOUR particular custom Beck system? WE CAN DO IT!
- Only need to send one or two people? Ask about our GENERAL classes, offered several times each year. Your techs will experience the training with other groups around the country.