



- › The Kawasaki Electrical Maintenance and Troubleshooting course is designed to introduce participants to the major electrical components of the Kawasaki controllers and their digital servo systems.
- › Included is a basic discussion of digital servo theory and operation and how to isolate controller and robot faults to major components and subassemblies using the available documentation.

Course Structure

This course consists of approximately 50% classroom presentation and 50% hands-on exercises.

Course Goal

Upon successful completion, participants should be able to maintain, troubleshoot and repair the Kawasaki controller and the digital servo system using the supplied documentation, test equipment, and tools.

Who Should Attend

This course is primarily intended for individuals who are responsible for installing, repairing, testing, and maintaining the Kawasaki controller. Students attending this class need to possess previous knowledge and skills in electronics (digital and analog), as well as having familiarity with the use of digital multi-meters and basic hand tools.

Prerequisites

Kawasaki D, E or S Controller Operation and Programming course

Course Length

4 days (28 clock hours)



TO REGISTER

Call (248) 446-4297

Email training@kri-us.com

D, E and S Series Controller

Electrical Maintenance and Troubleshooting

Course Outline

- › General Robotics
- › Introduction
- › Safety
- › Overview
- › Power Distribution
- › Alarm Circuitry
- › Teach Pendant and Operation Panel
- › Printed Circuit Boards
- › Servo System - Overview
- › Servo System - Power Block
- › Servo System - Motor and Encoder Feedback System
- › Simple Zeroing
- › Software Download Procedures
- › Troubleshooting Error Conditions



Course Code

| | |
|--------------|----------|
| D Controller | CEDCON |
| S Controller | CES+CONT |
| E Controller | CEECON |



For more information, visit www.kawasakirobotics.com/training

TO REGISTER

Call (248) 446-4297

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Assembly • Cutting • Dispensing • Grinding • Handling • Inspection • Packaging • Painting • Palletizing • Polishing • Tending • Welding

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CEDECON - REV06/12
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