



Robot Mechanical Maintenance

Kawasaki Robots

- › The Kawasaki Robot Mechanical Maintenance course is designed for individuals who are responsible for the mechanical repair, testing and adjustment of the Kawasaki robot mechanical unit.
- › This course also covers safety procedures, proper tool use, mechanical troubleshooting, lubrication requirements, preventive maintenance and disassembly/reassembly procedures.

Course Structure

The majority of the course is comprised of hands-on laboratory exercises for troubleshooting, preventive maintenance, wrist and motor replacement, adjustment and testing of the mechanical components. A Kawasaki robot will be used for laboratory exercises.

Course Goal

Upon successful completion, participants should be able to perform minor mechanical repairs and adjustments, maintain and troubleshoot the mechanical unit, using existing documentation.

Who Should Attend

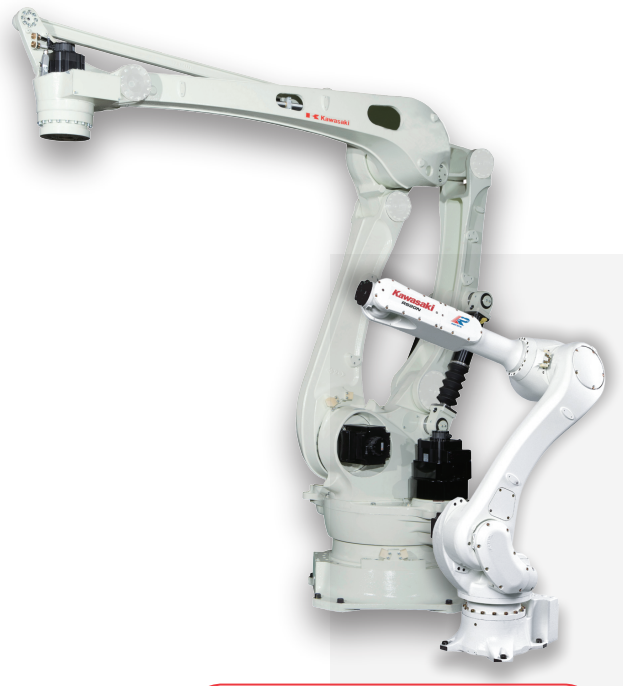
This course is intended for individuals who are responsible for the mechanical repair, testing and preventive maintenance of the Kawasaki robot mechanical unit. Participants should possess previous experience in mechanical disassembly and reassembly procedures, the use of basic hand tools, precision measuring and alignment tools and fixturing tools. A basic understanding of various mechanical power transmission units such as transmissions, pulleys, bearings, gears and shafts is also recommended.

Prerequisites

Kawasaki D, E or S Controller Operation and Programming course

Course Length

1.5 days (12 clock hours)



TO REGISTER

Call (248) 446-4297

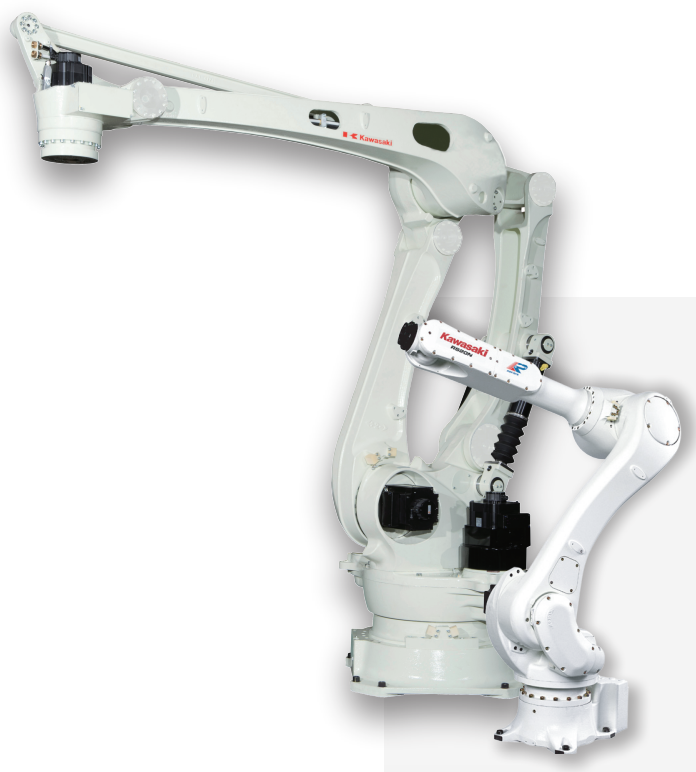
Email training@kri-us.com

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Course Outline

- › Introduction to Kawasaki Robot Mechanical Unit
- › Safety
- › Overview
- › Installation Instructions
- › General Procedures/Tools
- › Preventive Maintenance
- › Scheduled Checks
- › Lubrication Requirements
- › Wrist Removal Procedures
- › Wrist Installation Procedures
- › Simple Zeroing Procedures
- › Precision Zeroing Procedures
- › Mechanical Troubleshooting Procedures
- › Review of Parts Manuals
- › Review of Disassembly/Reassembly Procedures



Simple  friendly

For more information, visit

www.kawasakirobotics.com/training

TO REGISTER

Call (248) 446-4297

Email training@kri-us.com

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

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