

FANUC INDUSTRIAL ROBOTICS HANDLINGTOOL PROGRAMMING & OPERATION



This in-person in-depth training is designed to give participants the skills needed to safely operate, program, and troubleshoot FANUC industrial robots used in manufacturing. After completing the course, trainees will be able to safely jog and operate a robot, create and modify material handling programs, recover from common faults, and manage robot files and I/O signals.

Participants will use FANUC robot controllers (R-J3iB through R-30iB) with HandlingTool application software and teach pendants. The class combines classroom instruction with hands-on lab exercises on industrial robot work cells.



"If our era is the next Industrial Revolution, as many claim, AI is surely one of its driving forces."

– Dr. Fei-Fei Li

Brief Class Outline

- Robot work cell components and terminology
- Teach pendant operation and robot jogging (Joint, World, Tool frames)
- Fault diagnosis and recovery
- Robot frames (User, Tool, Jog)
- Monitoring, forcing, and simulating I/O signals
- And much more

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